

Rte 94

PM 6.16-8.77
KP 9.86-14.03

SITE INVESTIGATION REPORT

**ROUTE 94 FROM
FEDERAL BOULEVARD ON-RAMP
UNDERCROSSING TO WAITE
DRIVE IN LEMON GROVE
AND SAN DIEGO, CALIFORNIA
CONTRACT NO. 43A0012
TASK ORDER NO. 11-0019U1-PD;
EA 066001**



GEOCON

GEOTECHNICAL
&
ENVIRONMENTAL
CONSULTANTS

PREPARED FOR

CALIFORNIA DEPARTMENT
OF TRANSPORTATION
DISTRICT 11
SAN DIEGO, CALIFORNIA

GEOCON

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS



Project No. 08900-06-06
Task Order No. 11-0019U1-PD, EA 066001
March 16, 1999

Mr. Steve Threlkeld
California Department of Transportation
District 11
2829 Juan Street
San Diego, California 92110-2799

Subject: SITE INVESTIGATION REPORT
ROUTE 94 FROM FEDERAL BOULEVARD ON-RAMP
UNDERCROSSING TO WAITE DRIVE
LEMON GROVE AND SAN DIEGO, CALIFORNIA
CONTRACT 43A0012
TASK ORDER NO. 11-0019U1-PD; EA 066001

Dear Mr. Threlkeld:

In accordance with Caltrans Contract No. 43A0012 and Task Order No. 11-0019U1-PD, EA 066001, dated December 1998, Geocon Environmental Consultants, Inc. (Geocon) has performed environmental engineering services at the subject site. The site consists of the exposed soil adjacent to the side shoulders of the eastbound and westbound lanes of Route 94 from the Federal Boulevard on-ramp undercrossing to Waite Drive in the cities Lemon Grove and San Diego in San Diego County, California. The accompanying report summarizes the services performed, including the advancement of hand-auger borings, limited soil sampling, and laboratory analyses. Should questions concerning the contents of this report arise, or if Geocon may be of further service, please contact the undersigned at your convenience.

Very truly yours,

GEOCON ENVIRONMENTAL CONSULTANTS, INC.



Charles E. Houser, RG 5781
Project Geologist



Mark P. Wanek
Staff Environmental Geologist



Marc A. Barton
Staff Environmental Scientist

MAB:MPW:CEH:sc

(5) Addressee

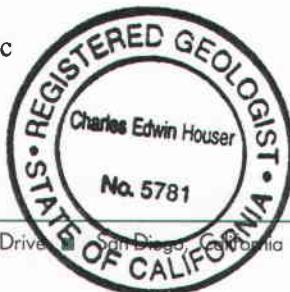


TABLE OF CONTENTS

SITE INVESTIGATION REPORT	Page
I. EXECUTIVE SUMMARY	i
i.i. Conclusions	i
i.ii. Recommendations	i
1. INTRODUCTION	1
1.1 Project Description and Objectives.....	1
1.2 Scope of Work.....	1
1.2.1 Task I - Pre-field Activities.....	1
1.2.2 Task II - Limited Soil Sampling	1
1.2.3 Task III - Laboratory Analyses	2
1.2.4 Task IV - Report Preparation	2
1.3 Previous Site Investigations	2
2. INVESTIGATIVE METHODS	2
2.1 Field Methods.....	2
2.2 Deviations from Work Plan	3
3. INVESTIGATIVE RESULTS AND FIELD OBSERVATIONS	3
3.1 Site Geology, Hydrology, and Other Site Conditions.....	3
3.2 Analytical Laboratory Results.....	3
3.3 Total Lead	3
3.4 Soluble Lead.....	3
3.5 pH	4
3.6 Data Validation	4
4. CONCLUSIONS AND RECOMMENDATIONS	5
5. REPORT LIMITATIONS	6

Figures:

1. Vicinity Map
- 2-7. Boring Location Maps

Table:

- I. Summary of Analytical Laboratory Results

Appendices:

- A. Geocon Standard Operating Procedures
- B. Statistical Data Evaluation
- C. Laboratory Reports and Chain-of-Custody Documentation

I. EXECUTIVE SUMMARY

Pursuant to the California Department of Transportation (Caltrans) Contract No. 43A0012 and Task Order (TO) No. 11-0019U1-PD, EA 066001, Geocon Environmental Consultants, Inc. (Geocon) has performed a site investigation of the unpaved soil adjacent to the side shoulders of the eastbound and westbound Route 94 from Federal Boulevard on-ramp undercrossing to Waite Drive in the cities of Lemon Grove and San Diego, California. The approximate site location is depicted on the Vicinity Map, presented as Figure 1. The investigation was performed to evaluate the presence of lead due to the historical combustion of leaded fuels by freeway traffic. Data from the investigation was used to determine the re-use method for soil excavated at the site during the proposed landscape construction and to inform Caltrans of potential health and safety issues concerning the presence of lead in soil for workers at the site during construction activities. One hundred fifty-six (156) soil samples were collected from 62 boring locations. The boring locations are depicted on the Boring Location Maps, presented as Figures 2 through 7. Soil samples collected were analyzed for soil pH, total lead, and soluble lead.

i.i. Conclusions

One soil sample exhibited total lead concentrations greater than the Total Threshold Limit Concentration (TTLC) of 1,000 milligrams per kilogram (mg/kg). Soil samples which did not exhibit total lead concentrations greater than 400 mg/kg were not analyzed for soluble lead as specified by the Task Order. Eight (8) of the 47 soil samples analyzed for soluble lead using deionized water exhibited concentrations exceeding 0.5 milligrams per liter (mg/l). Soil at the site represented by these eight soil samples and the one sample that exhibited a total lead concentration greater than 1,000 mg/kg would be hazardous with respect to lead concentrations, as indicated in the Caltrans memorandum of September 14, 1995, entitled *Aerially Deposited Lead Testing Procedures* under the "Variance Suitability" section.

i.i.i. Recommendations

Based upon the lead results of the soil samples analyzed, and the guidelines of the referenced Caltrans Lead Variance (Variance Suitability), lead-impacted soil at the site may be re-used within the Caltrans right-of-way. Soil to be excavated at the site should be placed beneath 0.30 meters of clean-fill material at least 1.5 meters above the maximum groundwater level. It is further recommended that Caltrans notify the contractors performing the construction activities that hazardous concentrations of lead may be present in on-site soil and that appropriate health and safety measures should be taken to minimize the exposure to lead.

SITE INVESTIGATION REPORT

1. INTRODUCTION

1.1 Project Description and Objectives

Pursuant to the California Department of Transportation (Caltrans) Contract No. 43A0012 and Task Order (TO) No. 11-0019U1-PD, EA 066001, Geocon Environmental Consultants, Inc. (Geocon) performed environmental engineering services in the unpaved portions of eastbound and westbound shoulders of Route 94 from the Federal Boulevard on-ramp undercrossing to Waite Drive in Lemon Grove and San Diego, California. The approximate site location is depicted on the Vicinity Map, presented as Figure 1. Caltrans proposes to expand the interchange between routes 94 and 125.

The objective of the site investigation was to evaluate soil along the shoulder of the site for the presence of lead due to the historical combustion of leaded fuels by freeway traffic. The information obtained from the limited soil sampling and laboratory testing was used to determine the method of re-use of soil excavated during the proposed construction activities at the site. The data was also used to inform Caltrans of potential health and safety issues for workers at the site during construction activities.

1.2 Scope of Work

Geocon performed the following tasks:

1.2.1 Task I - Pre-field Activities

- Attended a task order meeting on December 4, 1998, to discuss issues such as field methods, boring locations, health and safety measures, and the completion schedule.
- Prepared a Health and Safety Plan dated December 4, 1998, for the field activities. The Health and Safety Plan included guidelines for the use of personal protective equipment for Geocon employees during the field activities.
- Contacted Underground Service Alert (USA) to notify utility companies of the field activities. Geocon was provided with USA Ticket Numbers 290120, 290094, and 290071.

1.2.2 Task II - Limited Soil Sampling

- Utilized a 7.62-centimeter diameter hand auger to collect 156 soil samples from 62 boring locations on December 9 and 10, 1998. The borings were located along the shoulders of eastbound and westbound Route 94, approximately 1 to 2 meters (m) from the edge of

pavement, and were spaced approximately 100 m apart. The borings were advanced to a maximum depth of approximately 0.6-m below the ground surface, with the exception of 38 boring locations, where samples were collected at depths ranging from 0.15 m to 0.45 m due to refusal. Soil samples were collected from depths of approximately 0.15 m, 0.3 m, and 0.6 m below the ground surface. The approximate boring locations are depicted on the Boring Location Maps, presented as Figures 2 through 7.

- Backfilled the borings with the soil cuttings generated.

1.2.3 Task III - Laboratory Analyses

Geocon submitted the soil samples to a California Department of Health Services (CDOHS)-certified analytical laboratory. The soil samples were analyzed for total lead following Environmental Protection Agency (EPA) Test Method 6010. Soil samples exhibiting total lead concentrations between 400 milligrams per kilogram (mg/kg) and 1575 mg/kg were analyzed for soluble lead using deionized water following EPA Test Methods 3050 and EPA series 7420. In addition, 17 soil samples were analyzed for soil pH following EPA Test Method 9045A. The laboratory analyses were performed on a 48-hour turn-around-time basis.

1.2.4 Task IV - Report Preparation

Geocon prepared this report, as outlined in Contract 43A0012, summarizing the results of the site investigation activities requested by Caltrans.

1.3 Previous Site Investigations

Geocon has not performed a previous investigation at the site. In addition, Caltrans has not notified Geocon of previous investigations performed at the site.

2. INVESTIGATIVE METHODS

2.1 Field Methods

The field methods used by Geocon to complete this TO are outlined in the following Geocon Standard Operating Procedures (SOPs) presented as Appendix A:

SOP No. 11 - Hand-Augering and Soil Sample Collection
SOP No. 31 - Soil Sample Handling Procedures

2.2 Deviations from Work Plan

A work plan was not prepared for this TO; however, Geocon performed the scope of work as described in TO No. 11-0019U1-PD, EA 066001, with the exception that a statistical data analysis was not performed on the data per the previously referenced guidelines of the Caltrans Lead Variance (Variance Suitability). However, a statistical averaging of the total and soluble (WET-DI) laboratory analysis lead results was performed, and is presented as Appendix B. In addition, boring locations A45 through A51 were omitted at Caltrans' request, since they were outside the area of proposed landscaping.

3. INVESTIGATIVE RESULTS AND FIELD OBSERVATIONS

3.1 Site Geology, Hydrology, and Other Site Conditions

The soil conditions encountered consisted generally of moderately dense, dry to humid, yellow-brown to brown, clayey sand with some gravel and/or cobbles. Groundwater was not encountered during the advancement of the borings.

3.2 Analytical Laboratory Results

A summary of the results of the laboratory analyses for total lead is presented in Table I. Reproductions of the laboratory reports and chain-of-custody documentation are presented as Appendix C.

3.3 Total Lead

Total lead concentrations ranged from below the laboratory detection of 5.0 mg/kg to 3,020 mg/kg. One soil sample (identified as A1-collected at a depth of approximately 0.15 meters) exhibited a total lead concentration greater than the total threshold limit concentration (TTLC) of 1,000 mg/kg. Eighteen soil samples exhibited total lead concentrations between 400 and 1,575 mg/kg.

3.4 Soluble Lead

Forty-seven (47) soil samples were analyzed for soluble lead following the Waste Extraction Test method using de-ionized water as the extractant (WET-DI). These soil samples analyzed for soluble lead WET-DI exhibited soluble lead concentrations ranging from less than the laboratory detection limit of 0.15 to 1.9 milligrams per liter (mg/l).

3.5 pH

Seventeen soil samples were analyzed for pH, and the values ranged from 6.8 to 8.9.

3.6 Data Validation

Prior to submitting the soil samples to the laboratory, the chain-of-custody documentation was reviewed for accuracy and completeness. The laboratory reports were reviewed for accuracy and consistency with chain-of-custody documentation. The matrix-spikes and duplicates were reviewed to ensure the laboratory results were within tolerance control limits. Based upon this validation process, the data quality is adequate for the purposes of this report.

4. CONCLUSIONS AND RECOMMENDATIONS

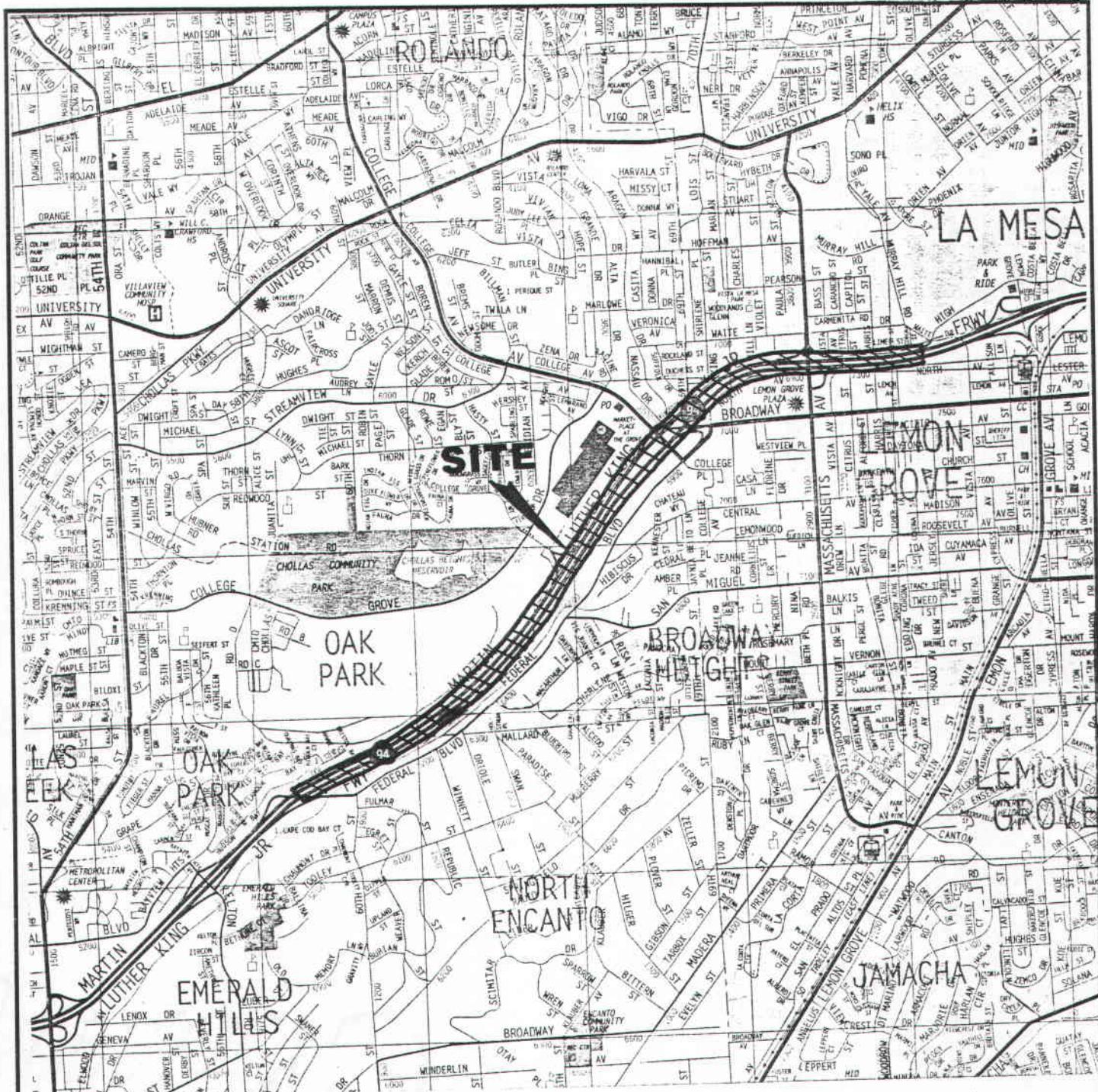
According to the Variance Suitability section of the Caltrans Lead Variance, the soil is assumed to be hazardous with respect to lead concentrations. Based upon the lead results of the soil samples analyzed and the guidelines of the Variance Suitability, the lead-impacted soil at the site may be reused within the Caltrans right-of-way. Soil excavated at the site should be placed under 0.30 meters of clean-fill material at least 1.5 meters above the maximum groundwater level. It is further recommended that Caltrans notify the contractors performing the construction activities that hazardous concentrations of lead may be present in on-site soil and that appropriate health and safety measures should be taken to minimize the exposure to lead.

5. REPORT LIMITATIONS

This report has been prepared exclusively for Caltrans. The information obtained is only relevant as of the date of the latest site visit. The information contained herein is only valid as of the date of the report, and will require an update to reflect additional information obtained.

The Client should recognize that this report is not a comprehensive site characterization and should not be construed as such. The appropriate regulatory agency may require additional investigations. The findings and conclusions as presented in this report are predicated on the results of the limited soil sampling and laboratory analyses performed. In addition, the information obtained is not intended to address potential impacts related to sources other than those specified herein.

Therefore, the report should only be deemed conclusive with respect to the information obtained. No guarantee or warranty of the results of the report is implied within the intent of this report or any subsequent reports, correspondence, or consultation, either expressed or implied. Geocon strived to perform the services summarized herein in accordance with the local standard of care in the geographic region at the time the services were rendered.



SOURCE : 1999 THOMAS BROTHERS MAP
SAN DIEGO COUNTY, CALIFORNIA

REPRODUCED WITH PERMISSION GRANTED BY THOMAS BROTHERS MAPS.
THIS MAP IS COPYRIGHTED BY THOMAS BROS. MAPS. IT IS UNLAWFUL TO COPY
OR REPRODUCE ALL OR ANY PART THEREOF, WHETHER FOR PERSONAL USE OR
RESALE, WITHOUT PERMISSION.



NO SCALE

GEOCON



ENVIRONMENTAL CONSULTANTS INCORPORATED
6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974
PHONE 619 558-6100 - FAX 619 558-8437

MAB / GBP

DSK / E0000

VICINITY MAP

STATE ROUTE 94 SAN DIEGO, CALIFORNIA

DATE 03-16-1999

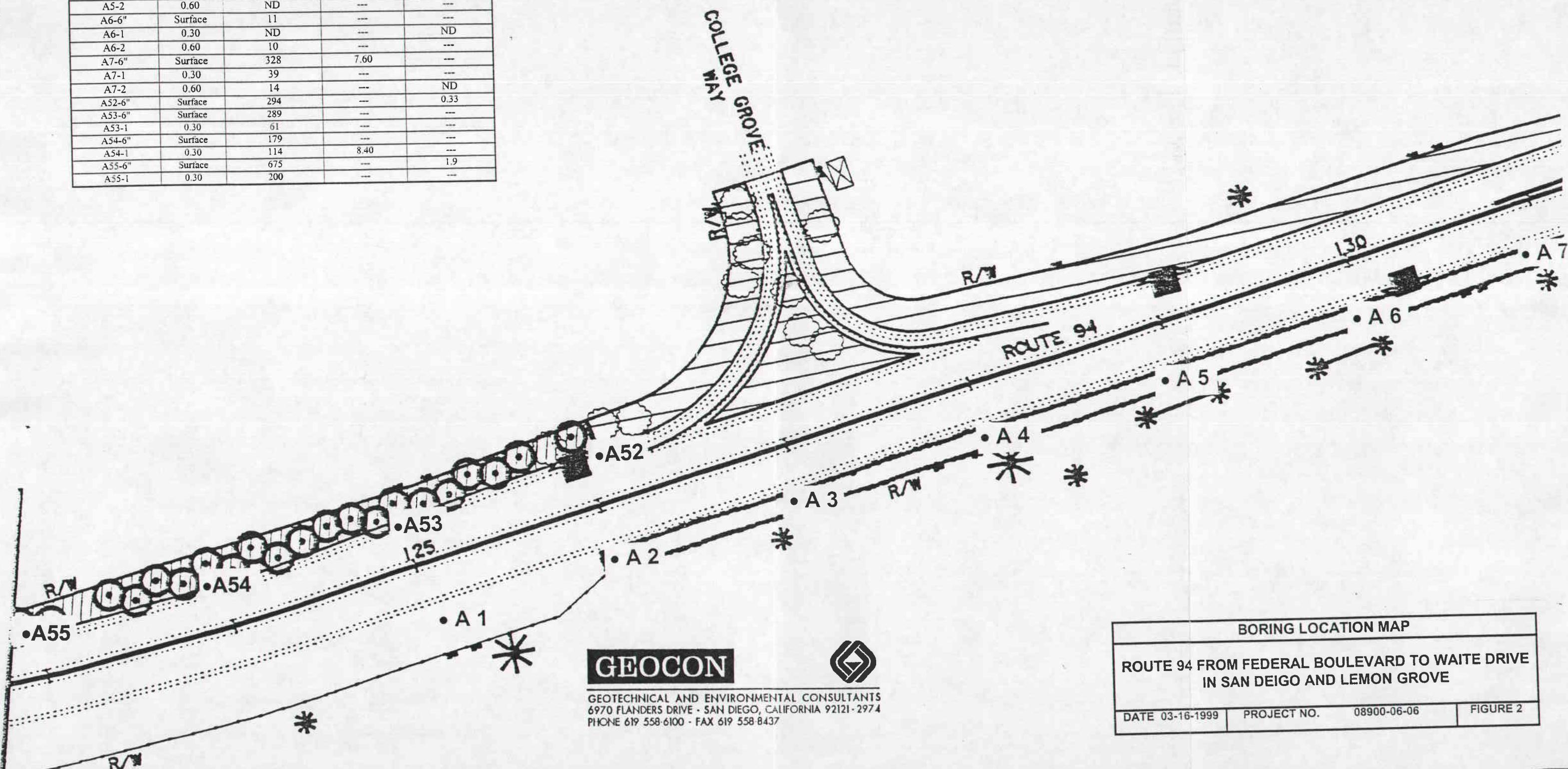
PROJECT NO. 08900 - 06 - 06

FIG. 1

Sample Identification	Depth in meters	Total Lead EPA Test Method 6010 (mg/kg)	Soil pH EPA Test Method 9045A	Wet DI EPA Test Method 7420 (mg/l)
A1-6"	Surface	3020	---	---
A1-1	0.30	427	---	1.9
A2-6"	Surface	282	---	0.48
A2-1	0.30	173	---	---
A3-6"	Surface	ND	6.80	ND
A3-1	0.30	50	---	---
A3-2	0.60	7.8	---	---
A4-6"	Surface	153	---	---
A4-1	0.30	14	---	---
A4-2	0.60	12	---	---
A5-6"	Surface	69	---	ND
A5-1	0.30	6.9	---	---
A5-2	0.60	ND	---	---
A6-6"	Surface	11	---	---
A6-1	0.30	ND	---	ND
A6-2	0.60	10	---	---
A7-6"	Surface	328	7.60	---
A7-1	0.30	39	---	---
A7-2	0.60	14	---	ND
A52-6"	Surface	294	---	0.33
A53-6"	Surface	289	---	---
A53-1	0.30	61	---	---
A54-6"	Surface	179	---	---
A54-1	0.30	114	8.40	---
A55-6"	Surface	675	---	1.9
A55-1	0.30	200	---	---

RECOMMENDATIONS FOR RE-USE

Soil excavated at the site should be placed under 0.30 meters of clean-fill at least 1.5 meters above the maximum groundwater level. It is further recommended that Caltrans notify the contractors performing the construction activities that hazardous concentrations of lead may be present in on-site soil and that appropriate health and safety measures should be taken to minimize the exposure to lead.



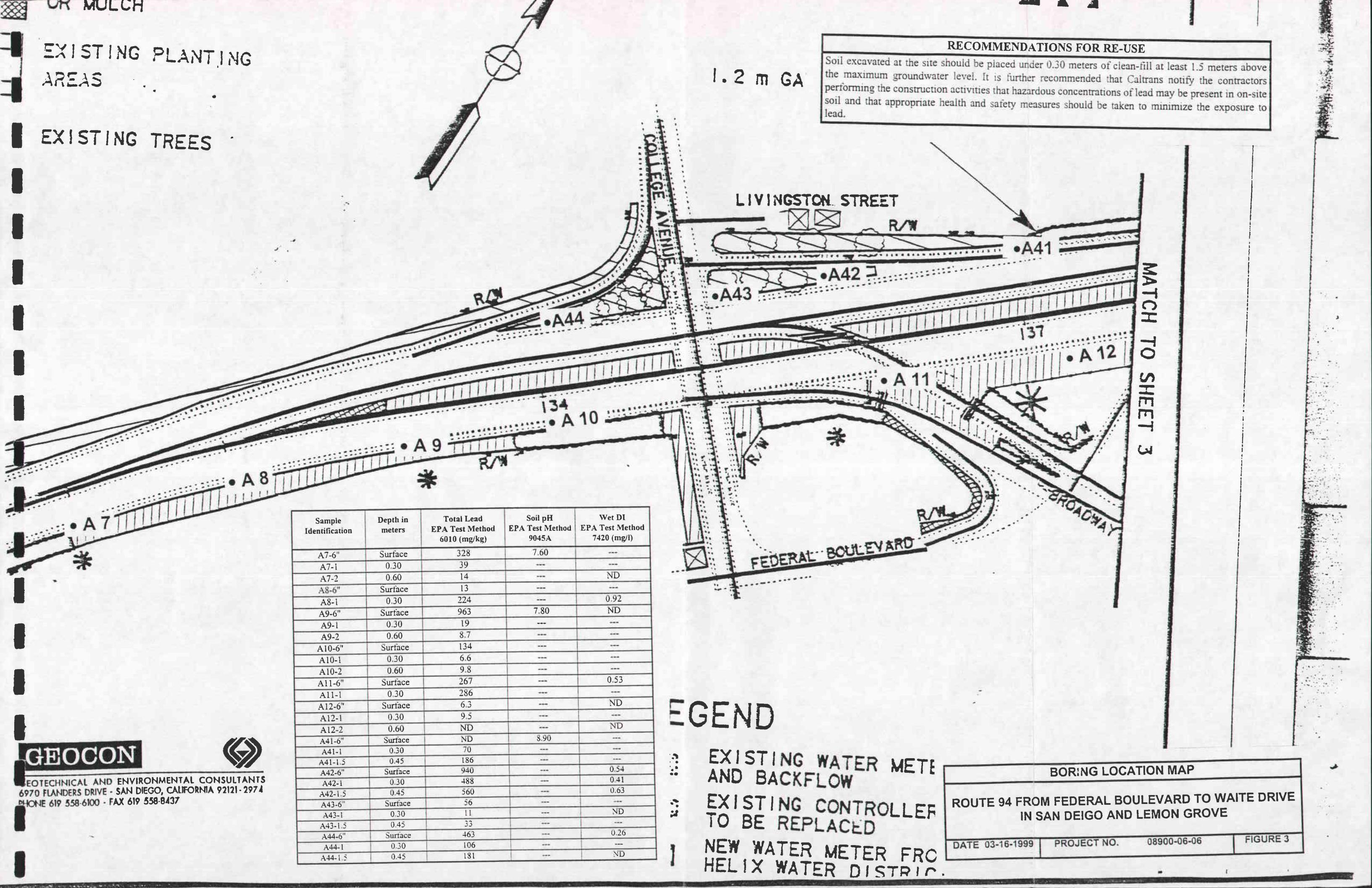
EXISTING PLANTING AREAS

EXISTING TREES

1.2 m G

RECOMMENDATIONS FOR RE-USE

Soil excavated at the site should be placed under 0.30 meters of clean-fill at least 1.5 meters above the maximum groundwater level. It is further recommended that Caltrans notify the contractors performing the construction activities that hazardous concentrations of lead may be present in on-site soil and that appropriate health and safety measures should be taken to minimize the exposure to lead.



MATCH TO SHEET 3

EGEN

- 2 EXISTING WATER METER
AND BACKFLOW
 - 3 EXISTING CONTROLLER
TO BE REPLACED
 - 1 NEW WATER METER FROM
HELIX WATER DISTRI

Sample Identification	Depth in meters	Total Lead EPA Test Method 6010 (mg/kg)	Soil pH EPA Test Method 9045A	Wet DI EPA Test Method 7420 (mg/l)
A7-6"	Surface	328	7.60	---
A7-1	0.30	39	---	---
A7-2	0.60	14	---	ND
A8-6"	Surface	13	---	---
A8-1	0.30	224	---	0.92
A9-6"	Surface	963	7.80	ND
A9-1	0.30	19	---	---
A9-2	0.60	8.7	---	---
A10-6"	Surface	134	---	---
A10-1	0.30	6.6	---	---
A10-2	0.60	9.8	---	---
A11-6"	Surface	267	---	0.53
A11-1	0.30	286	---	---
A12-6"	Surface	6.3	---	ND
A12-1	0.30	9.5	---	---
A12-2	0.60	ND	---	ND
A41-6"	Surface	ND	8.90	---
A41-1	0.30	70	---	---
A41-1.5	0.45	186	---	---
A42-6"	Surface	940	---	0.54
A42-1	0.30	488	---	0.41
A42-1.5	0.45	560	---	0.63
A43-6"	Surface	56	---	---
A43-1	0.30	11	---	ND
A43-1.5	0.45	33	---	---
A44-6"	Surface	463	---	0.26
A44-1	0.30	106	---	---
A44-1.5	0.45	181	---	ND

GEOCON



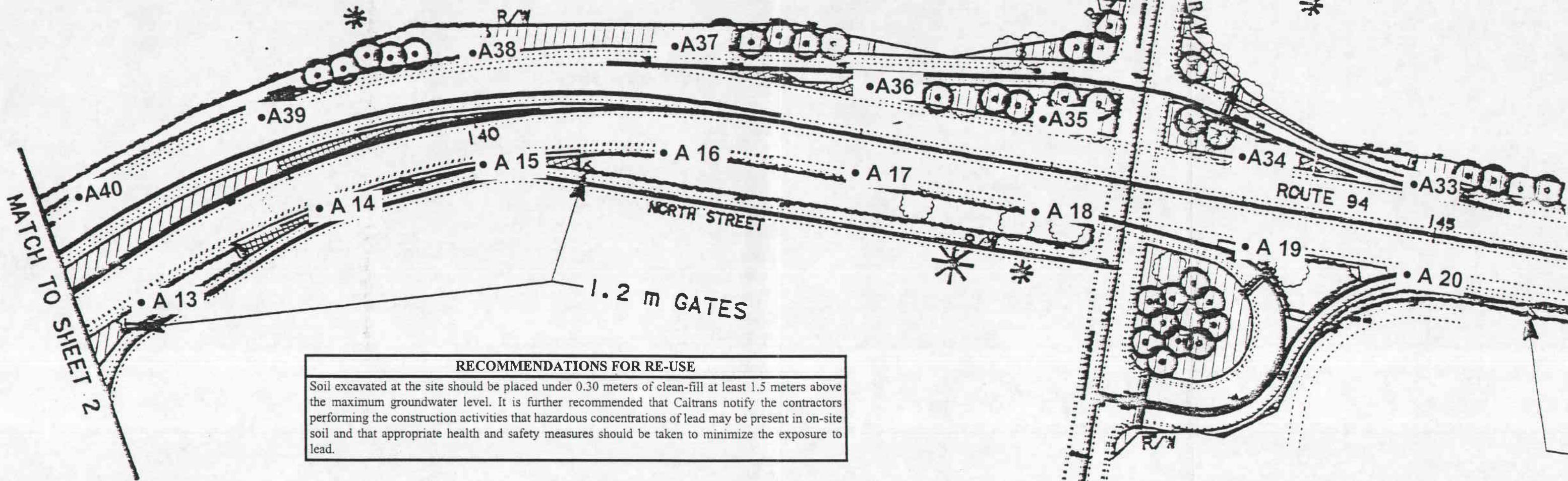
GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS
6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974
PHONE 619 558-6100 - FAX 619 558-8437

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS
6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974
PHONE 619 558-6100 - FAX 619 558-8437

BORING LOCATION MAP

**ROUTE 94 FROM FEDERAL BOULEVARD TO WAITE DRIVE
IN SAN DEIGO AND LEMON GROVE**

DATE 03-16-1999 PROJECT NO. 08900-06-06 FIGURE 3



Sample Identification	Depth in meters	Total Lead EPA Test Method 6010 (mg/kg)	Soil pH EPA Test Method 9045A	Wet DI EPA Test Method 7420 (mg/l)
A13-6"	Surface	101	---	---
A13-1	0.30	7.5	7.70	---
A13-2	0.60	ND	---	ND
A14-6"	Surface	20	---	---
A14-1	0.30	8.3	---	ND
A14-2	0.60	12	---	---
A15-6"	Surface	220	---	---
A15-1	0.30	127	---	---
A16-6"	Surface	43	---	ND
A16-1	0.30	8.1	---	---
A16-2	0.60	7.9	---	---
A17-6"	Surface	84	7.60	ND
A17-1	0.30	95	---	---
A18-6"	Surface	6.5	---	---
A18-1	0.30	ND	---	---
A18-2	0.60	ND	---	ND
A19-6"	Surface	387	---	---
A19-1	0.30	117	---	---
A19-2	0.60	ND	---	---
A20-6"	Surface	535	---	0.19
A20-1	0.30	469	---	ND
A20-2	0.60	7.7	7.60	---

Sample Identification	Depth in meters	Total Lead EPA Test Method 6010 (mg/kg)	Soil pH EPA Test Method 9045A	Wet DI EPA Test Method 7420 (mg/l)
A33-6"	Surface	791	---	ND
A33-1	0.30	214	---	---
A33-1.5	0.45	285	8.60	---
A34-6"	Surface	814	---	0.26
A34-1	0.30	160	---	---
A34-1.5	0.45	467	---	0.31
A35-6"	Surface	333	8.10	---
A35-1	0.30	316	---	---
A35-1.5	0.45	281	---	---
A36-6"	Surface	896	---	0.87
A36-1	0.30	134	---	---
A37-6"	Surface	97	---	ND
A37-1	0.30	105	---	ND
A38-6"	Surface	48	---	---
A38-1	0.30	13	---	---
A38-2	0.60	ND	7.60	---
A39-6"	Surface	478	---	0.47
A39-1	0.30	ND	---	---
A39-2	0.60	ND	---	---
A40-6"	Surface	12	---	ND
A40-1	0.30	ND	---	---

PLANTING LEGEND

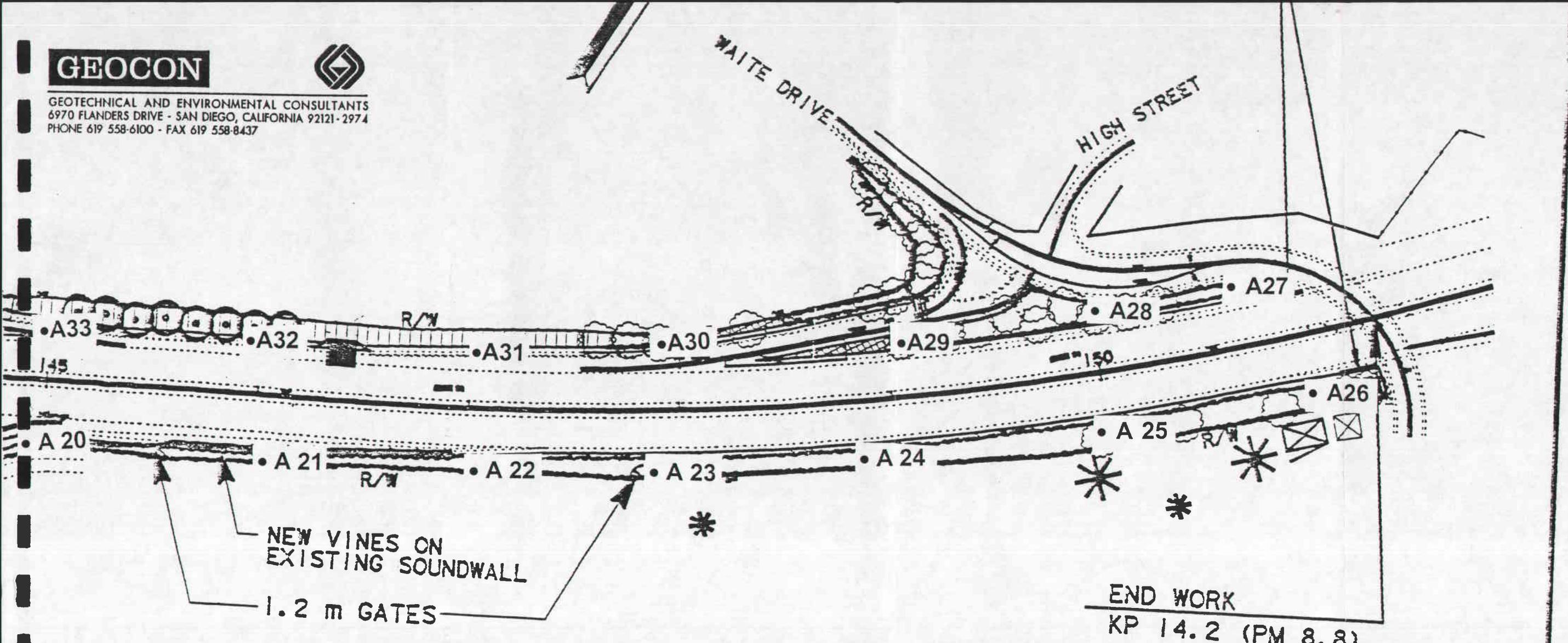
SHRUBS AND HERBACEOUS GROUND COVER

BORING LOCATION MAP		
ROUTE 94 FROM FEDERAL BOULEVARD TO WAITE DRIVE IN SAN DEIGO AND LEMON GROVE		
DATE 03-16-1999	PROJECT NO. 08900-06-06	FIGURE 4

GEOCON



GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS
6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974
PHONE 619 558-6100 - FAX 619 558-8437



Sample Identification	Depth in meters	Total Lead EPA Test Method 6010 (mg/kg)	Soil pH EPA Test Method 9045A	Wet DI EPA Test Method 7420 (mg/l)
A20-6"	Surface	535	---	0.19
A20-1	0.20	469	---	ND
A20-2	0.60	7.7	7.60	---
A21-6"	Surface	18	---	---
A21-1	0.30	60	---	---
A21-1.5	0.45	28	---	---
A22-6"	Surface	220	---	---
A22-1	0.30	209	---	---
A23-6"	Surface	948	---	0.16
A23-1	0.30	590	7.50	0.48
A23-2	0.60	114	---	---
A24-6"	Surface	19	---	---
A24-1	0.30	20	---	---
A24-2	0.60	ND	---	---
A25-6"	Surface	78	---	---
A25-1	0.30	14	---	---
A25-2	0.60	3.9	---	---

EXISTING TR

Sample Identification	Depth in meters	Total Lead EPA Test Method 6010 (mg/kg)	Soil pH EPA Test Method 9045A	Wet DI EPA Test Method 7420 (mg/l)
A26-6"	Surface	111	---	---
A26-1	0.30	24	---	ND
A26-2	0.60	19	7.50	---
A27-6"	Surface	26	---	---
A27-1	0.30	35	---	ND
A28-6"	Surface	150	---	---
A28-1	0.30	405	8.00	0.40
A28-2	0.60	273	---	ND
A29-6"	Surface	21	---	---
A29-1	0.30	ND	---	0.17
A29-2	0.60	21	---	---
A30-6"	Surface	388	---	0.46
A30-1	0.30	244	---	---
A30-1.5	0.45	203	---	---
A31-6"	Surface	22	---	---
A31-1	0.30	7.6	---	ND
A31-2	0.60	ND	---	---
A32-6"	Surface	82	---	---
A32-1	0.30	394	---	ND
A33-6"	Surface	791	---	ND
A33-1	0.30	214	---	---
A33-1.5	0.45	285	8.60	---

CROSSOVER

ING WATER METER
ACKFLOW
NG CONTROLLER
REPLACED
TER METER FROM
WATER DISTRICT
NTROLLER AND NE
ICAL CONNECTION
RIGATION

RECOMMENDATIONS FOR RE-USE

Soil excavated at the site should be placed under 0.30 meters of clean-fill at least 1.5 meters above the maximum groundwater level. It is further recommended that Caltrans notify the contractors performing the construction activities that hazardous concentrations of lead may be present in on-site soil and that appropriate health and safety measures should be taken to minimize the exposure to lead.

BORING LOCATION MAP

ROUTE 94 FROM FEDERAL BOULEVARD TO WAITE DRIVE
IN SAN DIEGO AND LEMON GROVE

DATE 03-16-1999 PROJECT NO. 08900-06-06 FIGURE 5

EXISTING TREES

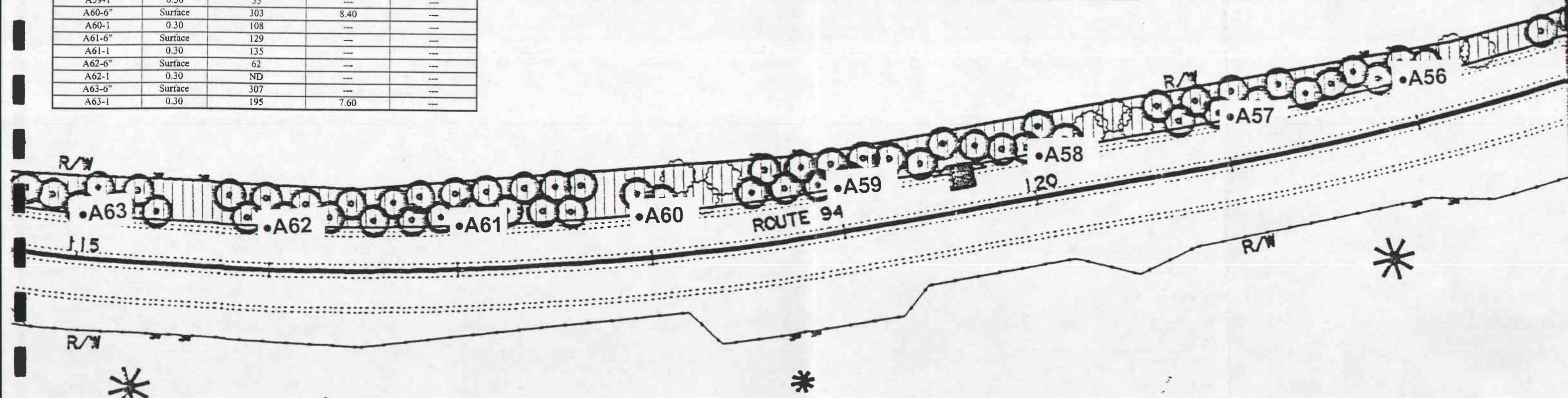
-  NEW CONTROLLER AND NEW ELECTRICAL CONNECTION
-  NEW IRRIGATION CROSSOVER
-  MAINTENANCE VEHICLE PULLOUT
-  1.2 METER GATES

Sample Identification	Depth in meters	Total Lead EPA Test Method 6010 (mg/kg)	Soil pH EPA Test Method 9045A	Wet DI EPA Test Method 7420 (mg/l)
A56-6"	Surface	57	—	—
A56-1	0.30	ND	—	—
A57-6"	Surface	ND	—	—
A57-1	0.30	13	—	—
A57-1.5	0.45	ND	—	—
A58-6"	Surface	ND	—	—
A58-1	0.30	ND	—	—
A59-6"	Surface	ND	—	—
A59-1	0.30	33	—	—
A60-6"	Surface	303	8.40	—
A60-1	0.30	108	—	—
A61-6"	Surface	129	—	—
A61-1	0.30	135	—	—
A62-6"	Surface	62	—	—
A62-1	0.30	ND	—	—
A63-6"	Surface	307	—	—
A63-1	0.30	195	7.60	—

RECOMMENDATIONS FOR RE-USE

Soil excavated at the site should be placed under 0.30 meters of clean-fill at least 1.5 meters above the maximum groundwater level. It is further recommended that Caltrans notify the contractors performing the construction activities that hazardous concentrations of lead may be present in on-site soil and that appropriate health and safety measures should be taken to minimize the exposure to lead.

MATCH TO SHEET 2



GEOCON



GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS
6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974
PHONE 619 558-6100 - FAX 619 558-8437

BORING LOCATION MAP

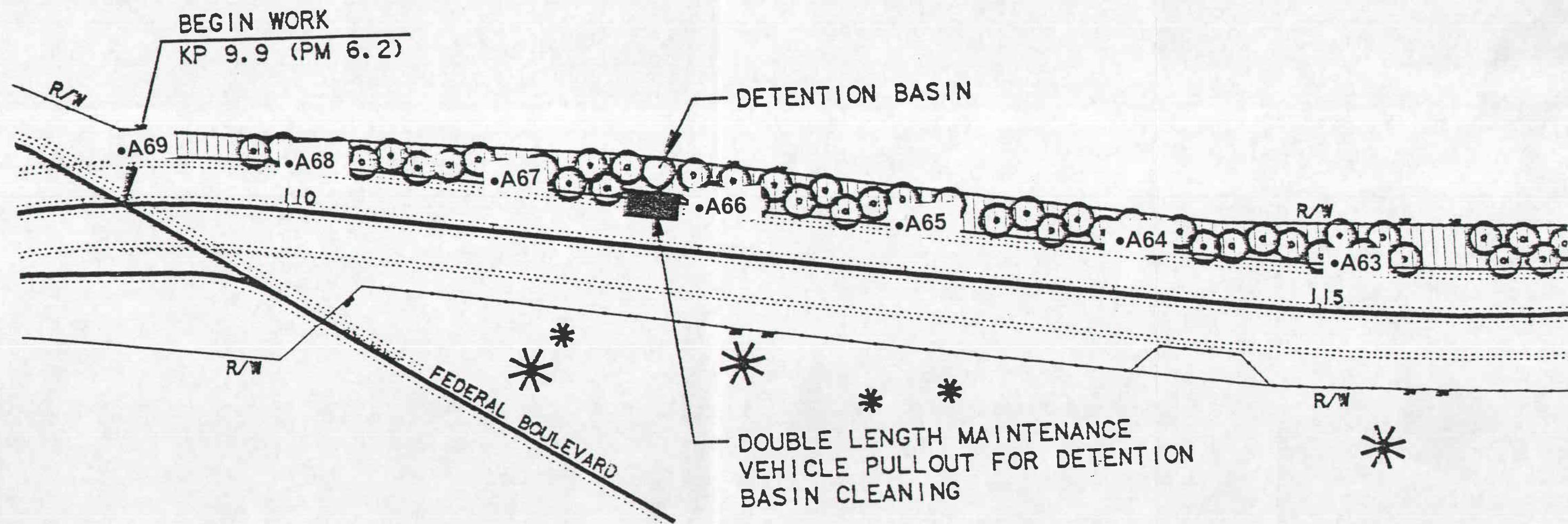
ROUTE 94 FROM FEDERAL BOULEVARD TO WAITE DRIVE
IN SAN DIEGO AND LEMON GROVE

DATE 03-16-1999	PROJECT NO. 08900-06-06	FIGURE 6
-----------------	-------------------------	----------

Sample Identification	Depth in meters	Total Lead EPA Test Method 6010 (mg/kg)	Soil pH EPA Test Method 9045A	Wet DI EPA Test Method 7420 (mg/l)
A63-6"	Surface	307	---	---
A63-1	0.30	195	7.60	---
A64-6"	Surface	69	---	---
A64-1	0.30	61	---	---
A65-6"	Surface	134	---	---
A65-1	0.30	132	---	---
A66-6"	Surface	33	---	---
A66-1	0.30	74	---	---
A67-6"	Surface	136	---	---
A67-1	0.30	49	---	---
A68-6"	Surface	50	---	---
A68-1	0.30	21	8.50	---
A68-2	0.60	16	---	---
A69-6"	Surface	971	---	1.0
A69-1	0.30	99	---	ND

RECOMMENDATIONS FOR RE-USE

Soil excavated at the site should be placed under 0.30 meters of clean-fill at least 1.5 meters above the maximum groundwater level. It is further recommended that Caltrans notify the contractors performing the construction activities that hazardous concentrations of lead may be present in on-site soil and that appropriate health and safety measures should be taken to minimize the exposure to lead.



GEOCON



GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS
6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974
PHONE 619 558-6100 - FAX 619 558-8437

BORING LOCATION MAP

ROUTE 94 FROM FEDERAL BOULEVARD TO WAITE DRIVE
IN SAN DIEGO AND LEMON GROVE

DATE 03-16-1999	PROJECT NO. 08900-06-06	FIGURE 7
-----------------	-------------------------	----------

TABLE I
SUMMARY OF ANALYTICAL LABORATORY RESULTS

SAMPLE IDENTIFICATION	DEPTH IN METERS	TOTAL LEAD EPA TEST METHOD 6010 (mg/kg)	SOIL pH EPA TEST METHOD 9045A	WET DI EPA TEST METHOD 7420 (mg/l)
A1-6"	Surface	3020	---	---
A1-1	0.30	427	---	1.9
A2-6"	Surface	282	---	0.48
A2-1	0.30	173	---	---
A3-6"	Surface	ND	6.80	ND
A3-1	0.30	50	---	---
A3-2	0.60	7.8	---	---
A4-6"	Surface	153	---	---
A4-1	0.30	14	---	---
A4-2	0.60	12	---	---
A5-6"	Surface	69	---	ND
A5-1	0.30	6.9	---	---
A5-2	0.60	ND	---	---
A6-6"	Surface	11	---	---
A6-1	0.30	ND	---	ND
A6-2	0.60	10	---	---
A7-6"	Surface	328	7.60	---
A7-1	0.30	39	---	---
A7-2	0.60	14	---	ND
A8-6"	Surface	13	---	---
A8-1	0.30	224	---	0.92
A9-6"	Surface	963	7.80	ND
A9-1	0.30	19	---	---
A9-2	0.60	8.7	---	---
A10-6"	Surface	134	---	---
A10-1	0.30	6.6	---	---
A10-2	0.60	9.8	---	---
A11-6"	Surface	267	---	0.53
A11-1	0.30	286	---	---
A12-6"	Surface	6.3	---	ND
A12-1	0.30	9.5	---	---
A12-2	0.60	ND	---	ND
A13-6"	Surface	101	---	---
A13-1	0.30	7.5	7.70	---
A13-2	0.60	ND	---	ND
A14-6"	Surface	20	---	---
A14-1	0.30	8.3	---	ND

TABLE I (continued)

SUMMARY OF ANALYTICAL LABORATORY RESULTS

SAMPLE IDENTIFICATION	DEPTH IN METERS	TOTAL LEAD EPA TEST METHOD 6010 (mg/kg)	SOIL pH EPA TEST METHOD 9045A	WET DI EPA TEST METHOD 7420 (mg/l)
A14-2	0.60	12	---	---
A15-6"	Surface	220	---	---
A15-1	0.30	127	---	---
A16-6"	Surface	43	---	ND
A16-1	0.30	8.1	---	---
A16-2	0.60	7.9	---	---
A17-6"	Surface	84	7.60	ND
A17-1	0.30	95	---	---
A18-6"	Surface	6.5	---	---
A18-1	0.30	ND	---	---
A18-2	0.60	ND	---	ND
A19-6"	Surface	387	---	---
A19-1	0.30	117	---	---
A19-2	0.60	ND	---	---
A20-6"	Surface	535	---	0.19
A20-1	0.30	469	---	ND
A20-2	0.60	7.7	7.60	---
A21-6"	Surface	18	---	---
A21-1	0.30	60	---	---
A21-1.5	0.45	28	---	---
A22-6"	Surface	220	---	---
A22-1	0.30	209	---	---
A23-6"	Surface	948	---	0.16
A23-1	0.30	590	7.50	0.48
A23-2	0.60	114	---	---
A24-6"	Surface	19	---	---
A24-1	0.30	20	---	---
A24-2	0.60	ND	---	---
A25-6"	Surface	78	---	---
A25-1	0.30	14	---	---
A25-2	0.60	8.9	---	---
A26-6"	Surface	111	---	---
A26-1	0.30	24	---	ND
A26-2	0.60	19	7.50	---
A27-6"	Surface	26	---	---
A27-1	0.30	35	---	ND
A28-6"	Surface	150	---	---
A28-1	0.30	405	8.00	0.40
A28-2	0.60	273	---	ND
A29-6"	Surface	21	---	---
A29-1	0.30	ND	---	0.17

TABLE I (continued)

SUMMARY OF ANALYTICAL LABORATORY RESULTS

SAMPLE IDENTIFICATION	DEPTH IN METERS	TOTAL LEAD EPA TEST METHOD 6010 (mg/kg)	SOIL pH EPA TEST METHOD 9045A	WET DI EPA TEST METHOD 7420 (mg/l)
A29-2	0.60	21	---	---
A30-6"	Surface	388	---	0.46
A30-1	0.30	244	---	---
A30-1.5	0.45	203	---	---
A31-6"	Surface	22	---	---
A31-1	0.30	7.6	---	ND
A31-2	0.60	ND	---	---
A32-6"	Surface	82	---	---
A32-1	0.30	394	---	ND
A33-6"	Surface	791	---	ND
A33-1	0.30	214	---	---
A33-1.5	0.45	285	8.60	---
A34-6"	Surface	814	---	0.26
A34-1	0.30	160	---	---
A34-1.5	0.45	467	---	0.31
A35-6"	Surface	333	8.10	---
A35-1	0.30	316	---	---
A35-1.5	0.45	281	---	---
A36-6"	Surface	896	---	0.87
A36-1	0.30	134	---	---
A37-6"	Surface	97	---	ND
A37-1	0.30	105	---	ND
A38-6"	Surface	48	---	---
A38-1	0.30	13	---	---
A38-2	0.60	ND	7.60	---
A39-6"	Surface	478	---	0.47
A39-1	0.30	ND	---	---
A39-2	0.60	ND	---	---
A40-6"	Surface	12	---	ND
A40-1	0.30	ND	---	---
A41-6"	Surface	ND	8.90	---
A41-1	0.30	70	---	---
A41-1.5	0.45	186	---	---
A42-6"	Surface	940	---	0.54
A42-1	0.30	488	---	0.41
A42-1.5	0.45	560	---	0.63
A43-6"	Surface	56	---	---
A43-1	0.30	11	---	ND
A43-1.5	0.45	33	---	---
A44-6"	Surface	463	---	0.26
A44-1	0.30	106	---	---
A44-1.5	0.45	181	---	ND

TABLE I (continued)
SUMMARY OF ANALYTICAL LABORATORY RESULTS

SAMPLE IDENTIFICATION	DEPTH IN METERS	TOTAL LEAD EPA TEST METHOD 6010 (mg/kg)	SOIL pH EPA TEST METHOD 9045A	WET DI EPA TEST METHOD 7420 (mg/l)
A52-6"	Surface	294	---	0.33
A53-6"	Surface	289	---	---
A53-1	0.30	61	---	---
A54-6"	Surface	179	---	---
A54-1	0.30	114	8.40	---
A55-6"	Surface	675	---	1.9
A55-1	0.30	200	---	---
A56-6"	Surface	57	---	---
A56-1	0.30	ND	---	---
A57-6"	Surface	ND	---	---
A57-1	0.30	13	---	---
A57-1.5	0.45	ND	---	---
A58-6"	Surface	ND	---	---
A58-1	0.30	ND	---	---
A59-6"	Surface	ND	---	---
A59-1	0.30	33	---	---
A60-6"	Surface	303	8.40	---
A60-1	0.30	108	---	---
A61-6"	Surface	129	---	---
A61-1	0.30	135	---	---
A62-6"	Surface	62	---	---
A62-1	0.30	ND	---	---
A63-6"	Surface	307	---	---
A63-1	0.30	195	7.60	---
A64-6"	Surface	69	---	---
A64-1	0.30	61	---	---
A65-6"	Surface	134	---	---
A65-1	0.30	132	---	---
A66-6"	Surface	33	---	---
A66-1	0.30	74	---	---
A67-6"	Surface	136	---	---
A67-1	0.30	49	---	---
A68-6"	Surface	50	---	---
A68-1	0.30	21	8.50	---
A68-2	0.60	16	---	---
A69-6"	Surface	971	---	1.0
A69-1	0.30	99	---	ND

Note:

- ND = no detect
- mg/kg = milligrams per kilogram
- mg/l = milligrams per liter
- = analysis not performed
- EPA = United States Environmental Protection Agency

APPENDIX

A

APPENDIX A

GEOCON ENVIRONMENTAL CONSULTANTS INCORPORATED STANDARD OPERATING PROCEDURE (SOP) NO. 11 HAND-AUGERING AND SOIL SAMPLE COLLECTION

Purpose

The purpose of this SOP is to outline procedures and methods to be used to advance hand-augers and collect soil samples for chemical analyses.

Hand-Augering and Soil Sample Collection Procedures

1. Initiate boring using a hand-held 7.62-centimeter diameter stainless steel auger.
2. Advance boring to initial sample depth of approximately 0 to 0.15 meters below the ground surface.
3. Transfer the soil sample from the hand-auger into a glass jar supplied by the laboratory.
4. Repeat the procedure and collect soil samples at subsequent depths as specified in the Task Order, if possible.
5. Backfill the borings to surface grade with soil cuttings generated.
6. Clean and rinse sampling equipment prior to the collection of each soil sample by washing the equipment with a trisodium phosphate solution followed by subsequent tap water and deionized water rinses.

APPENDIX A (continued)

GEOCON ENVIRONMENTAL CONSULTANTS INCORPORATED STANDARD OPERATING PROCEDURE (SOP) NO. 31 SOIL SAMPLE HANDLING PROCEDURES

Purpose

The purpose of this SOP is to outline procedures and methods to be used to package and transport soil samples to an analytical laboratory.

Soil Sample Handling Procedures

1. Soil samples will be retrieved directly from the hand auger.
2. After extracting the sample from the auger, the soil sample will be placed in laboratory supplied glass jars with Teflon-lined lids.
3. Sample labels will be placed on the outside of the jar to indicate the boring number and from what depth the sample was obtained, the time the sample was obtained, and the date the sample was obtained.
4. Each prepared sample jar will be placed into a container for transport to Advanced Technology Laboratories.

APPENDIX

B

APPENDIX B

AVERAGE OF ANALYTICAL LABORATORY RESULTS FOR WET DI

SAMPLE IDENTIFICATION	DEPTH IN METERS	TOTAL LEAD EPA TEST METHOD 6010 (mg/kg)	SOIL pH EPA TEST METHOD 9045A	WET DI EPA TEST METHOD 7420 (mg/l)
A1-6"	Surface	3020	---	---
A1-1	0.30	427	---	1.9
A2-6"	Surface	282	---	0.48
A2-1	0.30	173	---	---
A3-6"	Surface	ND	6.80	ND
A3-1	0.30	50	---	---
A3-2	0.60	7.8	---	---
A4-6"	Surface	153	---	---
A4-1	0.30	14	---	---
A4-2	0.60	12	---	---
A5-6"	Surface	69	---	ND
A5-1	0.30	6.9	---	---
A5-2	0.60	ND	---	---
A6-6"	Surface	11	---	---
A6-1	0.30	ND	---	ND
A6-2	0.60	10	---	---
A7-6"	Surface	328	7.60	---
A7-1	0.30	39	---	---
A7-2	0.60	14	---	ND
A8-6"	Surface	13	---	---
A8-1	0.30	224	---	0.92
A9-6"	Surface	963	7.80	ND
A9-1	0.30	19	---	---
A9-2	0.60	8.7	---	---
A10-6"	Surface	134	---	---
A10-1	0.30	6.6	---	---
A10-2	0.60	9.8	---	---
A11-6"	Surface	267	---	0.53
A11-1	0.30	286	---	---
A12-6"	Surface	6.3	---	ND
A12-1	0.30	9.5	---	---
A12-2	0.60	ND	---	ND
A13-6"	Surface	101	---	---
A13-1	0.30	7.5	7.70	---
A13-2	0.60	ND	---	ND
A14-6"	Surface	20	---	---

APPENDIX B (continued)

AVERAGE OF ANALYTICAL LABORATORY RESULTS FOR WET DI

SAMPLE IDENTIFICATION	DEPTH IN METERS	TOTAL LEAD EPA TEST METHOD 6010 (mg/kg)	SOIL pH EPA TEST METHOD 9045A	WET DI EPA TEST METHOD 7420 (mg/l)
A14-1	0.30	8.3	---	ND
A14-2	0.60	12	---	---
A15-6"	Surface	220	---	---
A15-1	0.30	127	---	---
A16-6"	Surface	43	---	ND
A16-1	0.30	8.1	---	---
A16-2	0.60	7.9	---	---
A17-6"	Surface	84	7.60	ND
A17-1	0.30	95	---	---
A18-6"	Surface	6.5	---	---
A18-1	0.30	ND	---	---
A18-2	0.60	ND	---	ND
A19-6"	Surface	387	---	---
A19-1	0.30	117	---	---
A19-2	0.60	ND	---	---
A20-6"	Surface	535	---	0.19
A20-1	0.30	469	---	ND
A20-2	0.60	7.7	7.60	---
A21-6"	Surface	18	---	---
A21-1	0.30	60	---	---
A21-1.5	0.45	28	---	---
A22-6"	Surface	220	---	---
A22-1	0.30	209	---	---
A23-6"	Surface	948	---	0.16
A23-1	0.30	590	7.50	0.48
A23-2	0.60	114	---	---
A24-6"	Surface	19	---	---
A24-1	0.30	20	---	---
A24-2	0.60	ND	---	---
A25-6"	Surface	78	---	---
A25-1	0.30	14	---	---
A25-2	0.60	8.9	---	---
A26-6"	Surface	111	---	---
A26-1	0.30	24	---	ND
A26-2	0.60	19	7.50	---
A27-6"	Surface	26	---	---
A27-1	0.30	35	---	ND
A28-6"	Surface	150	---	---
A28-1	0.30	405	8.00	0.40

APPENDIX B (continued)

AVERAGE OF ANALYTICAL LABORATORY RESULTS FOR WET DI

SAMPLE IDENTIFICATION	DEPTH IN METERS	TOTAL LEAD EPA TEST METHOD 6010 (mg/kg)	SOIL pH EPA TEST METHOD 9045A	WET DI EPA TEST METHOD 7420 (mg/l)
A28-2	0.60	273	---	ND
A29-6"	Surface	21	---	---
A29-1	0.30	ND	---	0.17
A29-2	0.60	21	---	---
A30-6"	Surface	388	---	0.46
A30-1	0.30	244	---	---
A30-1.5	0.45	203	---	---
A31-6"	Surface	22	---	---
A31-1	0.30	7.6	---	ND
A31-2	0.60	ND	---	---
A32-6"	Surface	82	---	---
A32-1	0.30	394	---	ND
A33-6"	Surface	791	---	ND
A33-1	0.30	214	---	---
A33-1.5	0.45	285	8.60	---
A34-6"	Surface	814	---	0.26
A34-1	0.30	160	---	---
A34-1.5	0.45	467	---	0.31
A35-6"	Surface	333	8.10	---
A35-1	0.30	316	---	---
A35-1.5	0.45	281	---	---
A36-6"	Surface	896	---	0.87
A36-1	0.30	134	---	---
A37-6"	Surface	97	---	ND
A37-1	0.30	105	---	ND
A38-6"	Surface	48	---	---
A38-1	0.30	13	---	---
A38-2	0.60	ND	7.60	---
A39-6"	Surface	478	---	0.47
A39-1	0.30	ND	---	---
A39-2	0.60	ND	---	---
A40-6"	Surface	12	---	ND
A40-1	0.30	ND	---	---
A41-6"	Surface	ND	8.90	---
A41-1	0.30	70	---	---
A41-1.5	0.45	186	---	---
A42-6"	Surface	940	---	0.54
A42-1	0.30	488	---	0.41
A42-1.5	0.45	560	---	0.63
A43-6"	Surface	56	---	---

APPENDIX B (continued)

AVERAGE OF ANALYTICAL LABORATORY RESULTS FOR WET DI

SAMPLE IDENTIFICATION	DEPTH IN METERS	TOTAL LEAD EPA TEST METHOD 6010 (mg/kg)	SOIL pH EPA TEST METHOD 9045A	WET DI EPA TEST METHOD 7420 (mg/l)
A43-1	0.30	11	---	ND
A43-1.5	0.45	33	---	---
A44-6"	Surface	463	---	0.26
A44-1	0.30	106	---	---
A44-1.5	0.45	181	---	ND
A52-6"	Surface	294	---	0.33
A53-6"	Surface	289	---	---
A53-1	0.30	61	---	---
A54-6"	Surface	179	---	---
A54-1	0.30	114	8.40	---
A55-6"	Surface	675	---	1.9
A55-1	0.30	200	---	---
A56-6"	Surface	57	---	---
A56-1	0.30	ND	---	---
A57-6"	Surface	ND	---	---
A57-1	0.30	13	---	---
A57-1.5	0.45	ND	---	---
A58-6"	Surface	ND	---	---
A58-1	0.30	ND	---	---
A59-6"	Surface	ND	---	---
A59-1	0.30	33	---	---
A60-6"	Surface	303	8.40	---
A60-1	0.30	108	---	---
A61-6"	Surface	129	---	---
A61-1	0.30	135	---	---
A62-6"	Surface	62	---	---
A62-1	0.30	ND	---	---
A63-6"	Surface	307	---	---
A63-1	0.30	195	7.60	---
A64-6"	Surface	69	---	---
A64-1	0.30	61	---	---
A65-6"	Surface	134	---	---
A65-1	0.30	132	---	---
A66-6"	Surface	33	---	---
A66-1	0.30	74	---	---
A67-6"	Surface	136	---	---
A67-1	0.30	49	---	---
A68-6"	Surface	50	---	---
A68-1	0.30	21	8.50	---
A68-2	0.60	16	---	---

APPENDIX B (continued)

AVERAGE OF ANALYTICAL LABORATORY RESULTS FOR WET DI

SAMPLE IDENTIFICATION	DEPTH IN METERS	TOTAL LEAD EPA TEST METHOD 6010 (mg/kg)	SOIL pH EPA TEST METHOD 9045A	WET DI EPA TEST METHOD 7420 (mg/l)
A69-6"	Surface	971	---	1.0
A69-1	0.30	99	---	ND
TOTAL	48			12.67
AVERAGE				0.26

Note:

- ND = no detect—for purposes of averaging, ND was computed as $\frac{1}{2}$ the Mean Detection Limit (MDL) of 0.15 mg/l
 mg/kg = milligrams per kilogram
 mg/l = milligrams per liter
 --- = analysis not performed
 EPA = United States Environmental Protection Agency

APPENDIX



C



Advanced Technology

Laboratories

December 10, 1998

ELAP No.: 1838

Geocon Environmental
6970 Flanders Drive
San Diego, CA 92121

ATTN: Mr. Jason Keyes

Client's Project: Rte 94, 08900-06-06
Lab No.: 31347-001/071

Gentlemen:

Enclosed are the results for sample(s) received by Advanced Technology Laboratories
and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company. Please feel free
to call me at (562) 989 - 4045 if I can be of further assistance to your company.

Sincerely,



Cheryl De Los Reyes
Technical Operations Manager
CDR/kk

Enclosures

This cover letter is an integral part of this analytical report.

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive
use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purpose without authorization is prohibited.

Client: Geocon Environmental

Attn: Mr. Joel Kloth

Client's Project: Rte. 94, 08900-06-06

Date Received: 12/08/98

Date Sampled: 12/08/98

Date Digested: 12/09/98

Digestion Method: 3050

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
31347-001	A1-6"	EPA 6010 (Lead)	12/10/98	3020	Soil, mg/kg	5	5	LP
31347-002	A1-1	EPA 6010 (Lead)	12/10/98	427	Soil, mg/kg	5	5	LP
31347-003	A2-6"	EPA 6010 (Lead)	12/10/98	282	Soil, mg/kg	5	5	LP
31347-004	A2-1	EPA 6010 (Lead)	12/10/98	173	Soil, mg/kg	5	5	LP
31347-005	A3-6"	EPA 6010 (Lead)	12/10/98	ND	Soil, mg/kg	5	5	LP
31347-006	A3-1	EPA 6010 (Lead)	12/10/98	50	Soil, mg/kg	5	5	LP
31347-007	A3-2	EPA 6010 (Lead)	12/10/98	7.8	Soil, mg/kg	5	5	LP
31347-008	A4-6"	EPA 6010 (Lead)	12/10/98	153	Soil, mg/kg	5	5	LP
31347-009	A4-1	EPA 6010 (Lead)	12/10/98	14	Soil, mg/kg	5	5	LP
31347-010	A4-2	EPA 6010 (Lead)	12/10/98	7.4	Soil, mg/kg	5	5	LP
31347-010D	A4-2	EPA 6010 (Lead)	12/10/98	12	Soil, mg/kg	5	5	LP
31347-011	A5-6"	EPA 6010 (Lead)	12/10/98	69	Soil, mg/kg	5	5	LP
31347-012	A5-1	EPA 6010 (Lead)	12/10/98	6.9	Soil, mg/kg	5	5	LP
31347-013	A5-2	EPA 6010 (Lead)	12/10/98	ND	Soil, mg/kg	5	5	LP
31347-014	A6-6"	EPA 6010 (Lead)	12/10/98	11	Soil, mg/kg	5	5	LP
31347-015	A6-1	EPA 6010 (Lead)	12/10/98	ND	Soil, mg/kg	5	5	LP
31347-016	A6-2	EPA 6010 (Lead)	12/10/98	10	Soil, mg/kg	5	5	LP
31347-017	A7-6"	EPA 6010 (Lead)	12/10/98	328	Soil, mg/kg	5	5	LP
31347-018	A7-1	EPA 6010 (Lead)	12/10/98	39	Soil, mg/kg	5	5	LP
31347-019	A7-2	EPA 6010 (Lead)	12/10/98	14	Soil, mg/kg	5	5	LP
31347-020	A8-6"	EPA 6010 (Lead)	12/10/98	7.2	Soil, mg/kg	5	5	LP
31347-020D	A8-6"	EPA 6010 (Lead)	12/10/98	13	Soil, mg/kg	5	5	LP
31347-021	A8-1	EPA 6010 (Lead)	12/10/98	224	Soil, mg/kg	5	5	LP
31347-022	A9-6"	EPA 6010 (Lead)	12/10/98	963	Soil, mg/kg	5	5	LP
31347-023	A9-1	EPA 6010 (Lead)	12/10/98	19	Soil, mg/kg	5	5	LP
31347-024	A9-2	EPA 6010 (Lead)	12/10/98	8.7	Soil, mg/kg	5	5	LP
31347-025	A10-6"	EPA 6010 (Lead)	12/10/98	134	Soil, mg/kg	5	5	LP
31347-026	A10-1	EPA 6010 (Lead)	12/10/98	6.6	Soil, mg/kg	5	5	LP
31347-027	A10-2	EPA 6010 (Lead)	12/10/98	9.8	Soil, mg/kg	5	5	LP

MDL = Method Detection Limit

ND = Not Detected (Below DLR)

Reviewed/Approved By:

Cheryl De Los Reyes

Technical Operations Manager

Date:

The cover letter is an integral part of this analytical report.

Client: Geocon Environmental

Attn: Mr. Joel Kloth

Client's Project: Rte. 94, 08900-06-06

Date Received: 12/08/98

Date Sampled: 12/08/98

Date Digested: 12/09/98

Digestion Method: 3050

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
31347-028	A11-6"	EPA 6010 (Lead)	12/10/98	267	Soil, mg/kg	5	5	LP
1347-029	A11-1	EPA 6010 (Lead)	12/10/98	286	Soil, mg/kg	5	5	LP
1347-030	A12-6"	EPA 6010 (Lead)	12/10/98	6.3	Soil, mg/kg	5	5	LP
31347-030D	A12-6"	EPA 6010 (Lead)	12/10/98	ND	Soil, mg/kg	5	5	LP
1347-031	A12-1	EPA 6010 (Lead)	12/10/98	9.5	Soil, mg/kg	5	5	LP
1347-032	A12-2	EPA 6010 (Lead)	12/10/98	ND	Soil, mg/kg	5	5	LP
31347-033	A13-6"	EPA 6010 (Lead)	12/10/98	101	Soil, mg/kg	5	5	LP
31347-034	A13-1	EPA 6010 (Lead)	12/10/98	7.5	Soil, mg/kg	5	5	LP
1347-035	A13-2	EPA 6010 (Lead)	12/10/98	ND	Soil, mg/kg	5	5	LP
1347-036	A14-6"	EPA 6010 (Lead)	12/10/98	20	Soil, mg/kg	5	5	LP
31347-037	A14-1	EPA 6010 (Lead)	12/10/98	8.3	Soil, mg/kg	5	5	LP
31347-038	A14-2	EPA 6010 (Lead)	12/10/98	12	Soil, mg/kg	5	5	LP
1347-039	A15-6"	EPA 6010 (Lead)	12/10/98	220	Soil, mg/kg	5	5	LP
31347-040	A15-1	EPA 6010 (Lead)	12/10/98	99	Soil, mg/kg	5	5	LP
31347-040D	A15-1	EPA 6010 (Lead)	12/10/98	127	Soil, mg/kg	5	5	LP
1347-041	A16-6"	EPA 6010 (Lead)	12/10/98	43	Soil, mg/kg	5	5	LP
1347-042	A16-1	EPA 6010 (Lead)	12/10/98	8.1	Soil, mg/kg	5	5	LP
31347-043	A16-2	EPA 6010 (Lead)	12/10/98	7.9	Soil, mg/kg	5	5	LP
31347-044	A17-6"	EPA 6010 (Lead)	12/10/98	84	Soil, mg/kg	5	5	LP
1347-045	A17-1	EPA 6010 (Lead)	12/10/98	95	Soil, mg/kg	5	5	LP
1347-046	A18-6"	EPA 6010 (Lead)	12/10/98	6.5	Soil, mg/kg	5	5	LP
31347-047	A18-1	EPA 6010 (Lead)	12/10/98	ND	Soil, mg/kg	5	5	LP
31347-048	A18-2	EPA 6010 (Lead)	12/10/98	ND	Soil, mg/kg	5	5	LP
31347-049	A19-6"	EPA 6010 (Lead)	12/10/98	387	Soil, mg/kg	5	5	LP
31347-050	A19-1	EPA 6010 (Lead)	12/10/98	117	Soil, mg/kg	5	5	LP
31347-050D	A19-1	EPA 6010 (Lead)	12/10/98	34	Soil, mg/kg	5	5	LP
31347-051	A19-2	EPA 6010 (Lead)	12/10/98	ND	Soil, mg/kg	5	5	LP
31347-052	A20-6"	EPA 6010 (Lead)	12/10/98	535	Soil, mg/kg	5	5	LP
31347-053	A20-1	EPA 6010 (Lead)	12/10/98	469	Soil, mg/kg	5	5	LP
31347-054	A20-2	EPA 6010 (Lead)	12/10/98	7.7	Soil, mg/kg	5	5	LP
31347-055	A21-6"	EPA 6010 (Lead)	12/10/98	18	Soil, mg/kg	5	5	LP

MDL = Method Detection Limit

ND = Not Detected (Below DLR)

Reviewed/Approved By:


Cheryl De Los Reyes
Technical Operations Manager

Date:

12/10/98

The cover letter is an integral part of this analytical report.

Client: Geocon Environmental

Attn: Mr. Joel Kloth

Client's Project: Rte. 94, 08900-06-06

Date Received: 12/08/98

Date Sampled: 12/08/98

12/09/98

Digestion Method: 3050

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
31347-056	A21-1	EPA 6010 (Lead)	12/10/98	60	Soil, mg/kg	5	5	LP
347-057	A21-1.5	EPA 6010 (Lead)	12/10/98	28	Soil, mg/kg	5	5	LP
347-058	A22-6"	EPA 6010 (Lead)	12/10/98	220	Soil, mg/kg	5	5	LP
31347-059	A22-1	EPA 6010 (Lead)	12/10/98	209	Soil, mg/kg	5	5	LP
347-060	A23-6"	EPA 6010 (Lead)	12/10/98	610	Soil, mg/kg	5	5	LP
347-060D	A23-6"	EPA 6010 (Lead)	12/10/98	948	Soil, mg/kg	5	5	LP
31347-061	A23-1	EPA 6010 (Lead)	12/10/98	590	Soil, mg/kg	5	5	LP
31347-062	A23-2	EPA 6010 (Lead)	12/10/98	114	Soil, mg/kg	5	5	LP
347-063	A24-6"	EPA 6010 (Lead)	12/10/98	19	Soil, mg/kg	5	5	LP
347-064	A24-1	EPA 6010 (Lead)	12/10/98	20	Soil, mg/kg	5	5	LP
31347-065	A24-2	EPA 6010 (Lead)	12/10/98	ND	Soil, mg/kg	5	5	LP
347-066	A25-6"	EPA 6010 (Lead)	12/10/98	78	Soil, mg/kg	5	5	LP
347-067	A25-1	EPA 6010 (Lead)	12/10/98	14	Soil, mg/kg	5	5	LP
31347-068	A25-2	EPA 6010 (Lead)	12/10/98	8.9	Soil, mg/kg	5	5	LP
31347-069	A26-6"	EPA 6010 (Lead)	12/10/98	111	Soil, mg/kg	5	5	LP
347-070	A26-1	EPA 6010 (Lead)	12/10/98	22	Soil, mg/kg	5	5	LP
347-070D	A26-1	EPA 6010 (Lead)	12/10/98	24	Soil, mg/kg	5	5	LP
31347-071	A26-2	EPA 6010 (Lead)	12/10/98	19	Soil, mg/kg	5	5	LP

MDL = Method Detection Limit ND = Not Detected (Below DLR)

Reviewed/Approved By:

Aug

Cheryl De Los Reyes
Technical Operations Manager

Date:

photos

The cover letter is an integral part of this analytical report.

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte. 94, 08900-06-06

Date Received: 12/08/98

Date Sampled: 12/08/98

Extraction Method: WET (Title 22, CCR, 66261.100, Appendix II) Modified

Date Extracted: 12/12/98

MDL = Method Detection Limit

ND = Not Detected (Below DLR)

DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By:

Cheryl de los Reyes
Technical Operations Manager

Date: 18/24/98

The cover letter is an integral part of this analytical report.

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte. 94, 08900-06-06

Date Received: 12/08/98
Date Sampled: 12/08/98

MDL = Method Detection Limit

ND = Not Detected (Below DLR)

DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By:

Cheryl de los Reyes
Technical Operations Manager

Date: 12/10/09 ✓

The cover letter is an integral part of this analytical report.

Spike Recovery and RPD Summary Report

Method: EPA7420(Lead)
Analyst: DJ/OL
Data File: AA81214-1
QA File: 8348-1

Date Analyzed: 12-14-98
Date Extracted: 12-12-98
Sample ID: see below

DI WATER EXTRACT

卷之三

see below

12-12-98

10 12 00

IZ-14-98

QC Batch Number PBF981214D-1											
SPL ID	UNITS	LCS Conc	LCS Res	% Rec	METH BLANK	SPL CONC	SPL DUP	% Dev	SPK ADDED	MS RESULT	%MS REC
31347-061	mg/L	5.0	5.1	102	ND	0.48	0.55	14	5.0	5.1	92
31389-104	mg/L	5.0	5.0	100	ND	0.23	0.23	0	5.0	5.0	95

Approved by: David J. Kern
Inorganics Supervisor

[Signature]
David J. Kern
Inorganics Supervisor

Approved by: _____

Date: 12/14/09

Spoke Recovery and RPO Summary Report

Method: EPA 6010 (Lead)
Analyst: LP/OL
Data File: ICP81210-1
QA File: 8344-1

Date Analyzed: 12/10/98
Date Digested: 12/9/98
Sample ID: See below

SAMPLE ID	UNITS	LCS Conc	LCS Res	% Rec	METH BLANK	SPL CONC	SPL DUP	% Dev	SPK ADDED	MS RESULT	MSD RESULT	% MS REC	% MSD REC	RPD	RPD Limit	MDL
31347-010*	mg/kg	5.0	5.0	100	ND	7.4	1.2	47	250	171	168	86	64	68-106	2	20
31347-020	mg/kg	5.0	4.9	98	ND	7.2	13	57	250	186	210	72	81	68-106	12	20
31347-030	mg/kg	5.0	5.2	104	ND	6.3	ND	200	250	200	179	78	69	68-106	11	20
31347-040*	mg/kg	5.0	5.1	102	ND	99	127	25	250	256	227	63	51	68-106	12	20
31347-050*	mg/kg	5.0	5.3	106	ND	117	34	110	250	177	228	24	44	68-106	25	20
31347-060*	mg/kg	5.0	4.5	90	ND	610	948	43	250	963	907	141	119	68-106	6	20
31347-070*	mg/kg	5.0	4.5	90	ND	22	24	9	250	155	158	53	54	68-106	2	20
31347-071*	mg/kg	5.0	5.3	106	ND	19	21	10	250	185	230	66	84	68-106	22	20

The Journal of Neuroscience, November 1, 2006 • 26(44):11693–11702 • 11701

✓ **Approved by:** David J. Kern
Inorganics Supervisor

Date: 10/10/10

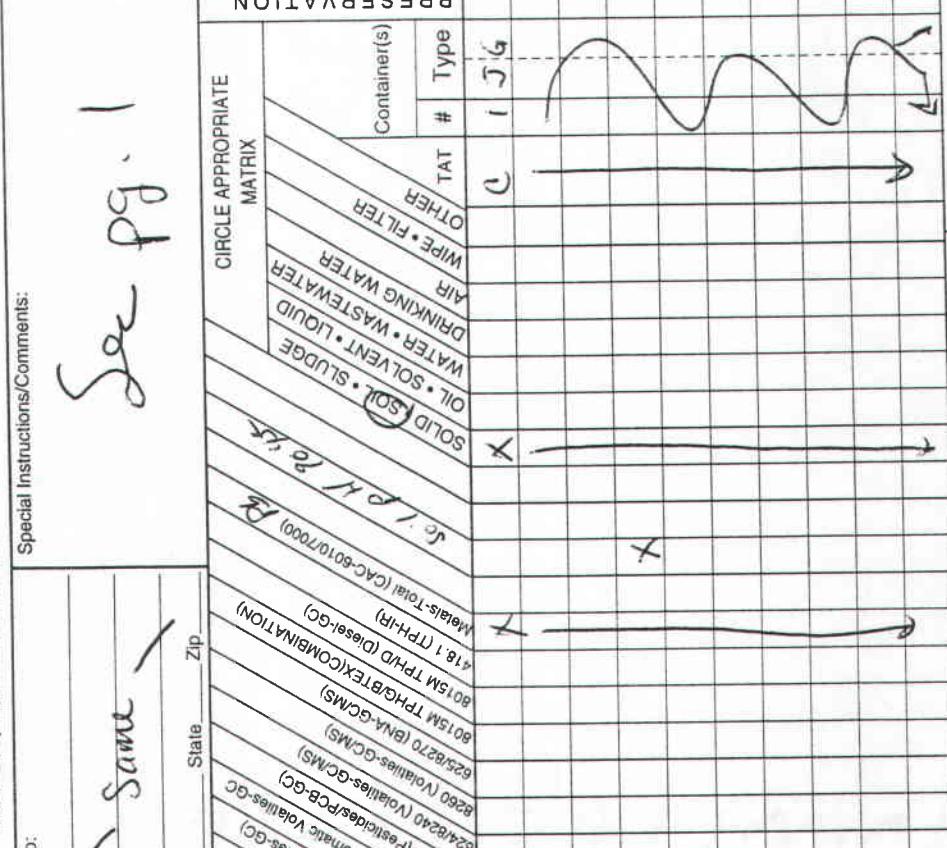
Approved by: David J. Kern
Inorganics Supervisor

CHAIN OF CUSTODY RECORD



Pg 1 of 0													
FOR LABORATORY USE ONLY.													
Laboratories Advanced Technology 1510 E. 33rd Street Signal Hill, CA 90807 (562) 989-4045 • FAX (562) 989-4040						Sample Condition Upon Receipt Method of Transport Walk-in <input type="checkbox"/> 1. CHILLED Courier <input type="checkbox"/> 2. HEADSPACE (VOA) UPS <input type="checkbox"/> 5. # OF SPLS MATCH COC FED. EXP. <input checked="" type="checkbox"/> 3. CONTAINER INTACT <input type="checkbox"/> 6. PRESERVED ATL <input type="checkbox"/> TEL: (619) 558-6100 FAX: (619) 558-8437							
Client: GEOCON ENVIRONMENTAL - SAN DIEGO Attn: <u>Jc. I Kloth</u> Project Name: <u>242 74</u>		Project #: <u>08900-06-06</u> Sampler: <u>Mick Whack</u> City: San Diego		Address: 6970 Flanders Drive City: San Diego		State: CA Zip Code: 92121		State: CA Zip Code: 92121					
Relinquished by: (Signature and Printed Name) <u>Mick Whack</u>		Received by: (Signature and Printed Name) <u>Mick Whack</u>		Received by: (Signature and Printed Name) <u>Mick Whack</u>		Received by: (Signature and Printed Name) <u>Mick Whack</u>		Received by: (Signature and Printed Name) <u>Mick Whack</u>					
Relinquished by: (Signature and Printed Name) <u>Mick Whack</u>		Date: <u>12-01-08</u> Time: <u>0815</u>		Date: <u>12-01-08</u> Time: <u>0815</u>		Date: <u>12-01-08</u> Time: <u>0815</u>		Date: <u>12-01-08</u> Time: <u>0815</u>					
Relinquished by: (Signature and Printed Name) <u>Mick Whack</u>		Date: <u></u> Time: <u></u>		Date: <u></u> Time: <u></u>		Date: <u></u> Time: <u></u>		Date: <u></u> Time: <u></u>					
SHIP TO LAB: (SUB CONTRACT)													
TEST: _____ ATL #: _____ DATE: _____ CLIENT I.D. _____													
I hereby authorize ATL to perform the work indicated below:													
Project Mgr /Submitter: <u>Mick Whack</u> Date: <u>12-05-08</u> Print Name: <u>Mick Whack</u> Signature: <u>Mick Whack</u>													
Unless otherwise requested, all samples will be disposed 45 days after receipt. * \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.													
LAB USE ONLY: Batch #: _____													
M	Lab No.	Sample I.D.		Date	Time	Sample Description							
001		<u>A1-6</u>		<u>12/01</u>	<u>9:30</u>								
002		<u>A1-1</u>		<u>12/01</u>	<u>9:54</u>								
003		<u>A2-6</u>		<u>12/01</u>	<u>10:03</u>								
004		<u>A2-1</u>		<u>12/01</u>	<u>10:07</u>								
005		<u>A3-6</u>		<u>12/01</u>	<u>10:14</u>								
006		<u>A3-1</u>		<u>12/01</u>	<u>10:41</u>								
007		<u>A3-2</u>		<u>12/01</u>	<u>10:44</u>								
008		<u>A4-6</u>		<u>12/01</u>	<u>10:30</u>								
009		<u>A4-1</u>		<u>12/01</u>	<u>10:32</u>								
010		<u>A4-2</u>		<u>12/01</u>	<u>10:34</u>								
TAT: A= <u>Overnight</u> B= <u>Emergency</u> <u>≤ 24 hr</u> <u>Next workday</u>		Critical C= <u>2 Workdays</u>		Urgent D= <u>3 Workdays</u>		Routine E= <u>7 Workdays</u>							
Container Types: T=Tube V=VOA L=Liter P=Paint J=Jar B=Tedlar G=Glass P=Plastic M=Metal													
Preservatives: H=HCl N=HNO ₃ S=H ₂ SO ₄ C=4°C Z=Zn(AC) ₂ O=NaOH T=Na ₂ SO ₄													
• TAT starts 8 a.m. following day if samples received after 5 p.m.													
DISTRIBUTION: White with report. Yellow to folder. Pink to submitter.													

CHAIN OF CUSTODY RECORD

Advanced Technology		FOR LABORATORY USE ONLY.									
Laboratories 1510 E. 33rd Street Signal Hill, CA 90807 (562) 989-4045 • FAX (562) 989-4040		Batch #: _____ D.O. # _____ <input type="checkbox"/> Walk-in <input type="checkbox"/> Courier <input type="checkbox"/> UPS <input type="checkbox"/> FED. EXP. <input checked="" type="checkbox"/> ATL Project Name: Rte 74 Project #: 08900-06-06 Sampler: Mark Wank Relinquished by: (Signature and Printed Name) Mark Wank Date: 12-8-98 Time: 12:00 Relinquished by: (Signature and Printed Name) Mark Wank Date: 12-8-98 Time: 12:00 Relinquished by: (Signature and Printed Name) Mark Wank Date: 12-8-98 Time: 12:00 Relinquished by: (Signature and Printed Name) Mark Wank Date: 12-8-98 Time: 12:00									
		Method of Transport <input type="checkbox"/> 1. CHILLED <input type="checkbox"/> 2. HEADSPACE (VOA) <input type="checkbox"/> 3. CONTAINER INTACT Received by: (Signature and Printed Name) Mark Wank Date: 12-8-98 Time: 12:00 Received by: (Signature and Printed Name) Mark Wank Date: 12-8-98 Time: 12:00 Received by: (Signature and Printed Name) Mark Wank Date: 12-8-98 Time: 12:00 Received by: (Signature and Printed Name) Mark Wank Date: 12-8-98 Time: 12:00									
		Sample Condition Upon Receipt <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> 4. SEALED <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED TEL: (619) 558-6100 FAX: (619) 558-8437 (Signature) Mark Wank Date: 12-8-98 Time: 12:00									
		Special Instructions/Comments: <i>Sac pg. 1</i>									
		Send Report To: Attn: _____ Co: Same Address: _____ City: _____ State: _____ Zip: _____									
		Circle or Add Analysis(es) Requested 6018010 (Hazardous Waste) (CAC-6010-7000) 60248020 (Hazardous Waste) (Automated Volatiles-GC) 6088080 Pesticides-PCR-GC 62516270 (BNA-GCMS) 6015M THG-BTEX/COMBINATION 6181 (TPH-HR) (CAC-6010-7000) Materials-Trial (CAC-6010-7000)									
		Circle Appropriate Matrix Container(s) OTHER									
		QA/QC RTNE <input type="checkbox"/> RWQCB <input type="checkbox"/> WIP <input type="checkbox"/> NAVY <input type="checkbox"/> CT <input checked="" type="checkbox"/>									
		REMARKS									
											
		Preservatives: H=HCl N=HNO ₃ S=H ₂ SO ₄ C=4'C Z=Zn(AC) ₂ O=NaOH T=Na ₂ SO ₃									
		Distribution: White with report, Yellow to folder, Pink to submitter.									
		Urgent D= 3 Workdays C= 2 Workdays Emergency B= Next workday									
		Routine E= 7 Workdays									
		Container Types: T=Tube V=VOA L=Liter P=Plastic M=Metal G=Glass									
		• TAT starts 8 a.m. following day if samples received after 5 p.m.									

DISTRIBUTION: White with report, Yellow to folder, Pink to submitter.

CHAIN OF CUSTODY RECORD

FOR LABORATORY USE ONLY



Laboratories

Batch #:	D.O. #	Method of Transport	Sample Condition Upon Receipt		
1510 E. 33rd Street Signal Hill, CA 90807 (562) 989-4045 • FAX (562) 989-4040		Walk-in Courier UPS FED. EXP.	<input type="checkbox"/> 1. CHILLED <input type="checkbox"/> 2. HEADSPACE (VOA) <input checked="" type="checkbox"/> 3. CONTAINER INTACT	<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> 4. SEALED	<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC <input type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED
P.O. #:	Logged By:	Date:	Time:	TEL: (619) 558-6100	FAX: (619) 558-8437

Client: GEOCON ENVIRONMENTAL - SAN DIEGO Attn: <u>Recei 46th</u>	Project #: <u>08700-06-06</u>	Address: <u>6970 Flanders Drive</u>	City: <u>San Diego</u>	State: <u>CA</u>	Zip Code: <u>92121</u>	Received by: <u>Mark Wayne</u>	(Signature)	Sample Condition Upon Receipt																																																																																																														
Project Name: <u>Re 94</u>	Sampler: <u>Mark Wayne</u>	Time: <u>12:08:18</u>	Received by: <u>Mark Wayne</u>	Date: <u>12/18/98</u>	Time: <u>13:30</u>	Received by: <u>Mark Wayne</u>	Date: <u>12/18/98</u>	Time: <u>13:30</u>																																																																																																														
Relinquished by: <u>Mark Wayne</u>	Print Name: <u>Mark Wayne</u>	Time: <u>12:08:18</u>	Received by: <u>Mark Wayne</u>	Date: <u>12/18/98</u>	Time: <u>13:30</u>	Received by: <u>Mark Wayne</u>	Date: <u>12/18/98</u>	Time: <u>13:30</u>																																																																																																														
Relinquished by: <u>Mark Wayne</u>	Print Name: <u>Mark Wayne</u>	Time: <u>12:08:18</u>	Received by: <u>Mark Wayne</u>	Date: <u>12/18/98</u>	Time: <u>13:30</u>	Received by: <u>Mark Wayne</u>	Date: <u>12/18/98</u>	Time: <u>13:30</u>																																																																																																														
Special Instructions/Comments: <u>See Pg. 1</u>																																																																																																																						
<p>I hereby authorize ATL to perform the work indicated below:</p> <p>Project Mgr /Submitter: <u>Mark Wayne</u> Date: <u>12/08/98</u></p> <p>Print Name: <u>Mark Wayne</u> Signature: <u>Mark Wayne</u></p> <p>Address: <u>STATE</u> Zip: <u>92121</u></p> <p>City: <u>San Diego</u></p> <p>Co: <u>STATE</u></p> <p>Send Report To: <u>Attn: Mark Wayne</u></p> <p>Circle or Add Analyses(les) Requested</p> <p>601/8010 (Halogenated Volatiles-GC)</p> <p>624/8240 (Volatile Aromatic Volatiles-GC)</p> <p>6260 (Volatile VOCs-GC/MS)</p> <p>6258270 (BNA-GC/MS)</p> <p>6015M TPH/BTEX/COMBINATION</p> <p>4181 TPH/IR (CAC-8010/7000)</p> <p>OIL & SOLVENT SLUDGE</p> <p>WATER • SOLVENT • LIQUID</p> <p>AIR DRINKING WATER</p> <p>WIPER • FILTER</p> <p>CONTAINER(S)</p> <p>CIRCLE APPROPRIATE MATRIX</p> <p>TAT #</p> <p>Type</p> <p>REMARKS</p> <p>RTNE</p> <p>RWQCB</p> <p>WIP</p> <p>NAVY</p> <p>CT</p> <p>OTHER</p>																																																																																																																						
<p>Unless otherwise requested, all samples will be disposed 45 days after receipt.</p> <p>* \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.</p>																																																																																																																						
<p>LAB USE ONLY:</p> <table border="1"> <thead> <tr> <th>T</th> <th>E</th> <th>M</th> <th>Lab No.</th> <th>Sample I.D.</th> <th>Date</th> <th>Time</th> <th colspan="3">Sample Description</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>3</td> <td>4</td> <td>411</td> <td>A16-6 "</td> <td>12/8</td> <td>11:41</td> <td colspan="3"></td> </tr> <tr> <td>4</td> <td>4</td> <td>2</td> <td>412</td> <td>A16-1</td> <td>12:43</td> <td></td> <td colspan="3"></td> </tr> <tr> <td>4</td> <td>4</td> <td>3</td> <td>413</td> <td>A16-2</td> <td>12:45</td> <td></td> <td colspan="3"></td> </tr> <tr> <td>4</td> <td>4</td> <td>4</td> <td>414</td> <td>A17-6 "</td> <td>12:47</td> <td></td> <td colspan="3"></td> </tr> <tr> <td>4</td> <td>5</td> <td>5</td> <td>415</td> <td>A17-1</td> <td>12:48</td> <td></td> <td colspan="3"></td> </tr> <tr> <td>4</td> <td>6</td> <td>6</td> <td>416</td> <td>A18-4 "</td> <td>12:53</td> <td></td> <td colspan="3"></td> </tr> <tr> <td>4</td> <td>7</td> <td>7</td> <td>417</td> <td>A18-1</td> <td>11:55</td> <td></td> <td colspan="3"></td> </tr> <tr> <td>4</td> <td>8</td> <td>8</td> <td>418</td> <td>A18-2</td> <td>12:56</td> <td></td> <td colspan="3"></td> </tr> <tr> <td>4</td> <td>9</td> <td>9</td> <td>419</td> <td>A19-6 "</td> <td>11:58</td> <td></td> <td colspan="3"></td> </tr> <tr> <td>5</td> <td>0</td> <td>50</td> <td>420</td> <td>A19-1</td> <td>1:54</td> <td></td> <td colspan="3"></td> </tr> </tbody> </table>									T	E	M	Lab No.	Sample I.D.	Date	Time	Sample Description			3	3	4	411	A16-6 "	12/8	11:41				4	4	2	412	A16-1	12:43					4	4	3	413	A16-2	12:45					4	4	4	414	A17-6 "	12:47					4	5	5	415	A17-1	12:48					4	6	6	416	A18-4 "	12:53					4	7	7	417	A18-1	11:55					4	8	8	418	A18-2	12:56					4	9	9	419	A19-6 "	11:58					5	0	50	420	A19-1	1:54				
T	E	M	Lab No.	Sample I.D.	Date	Time	Sample Description																																																																																																															
3	3	4	411	A16-6 "	12/8	11:41																																																																																																																
4	4	2	412	A16-1	12:43																																																																																																																	
4	4	3	413	A16-2	12:45																																																																																																																	
4	4	4	414	A17-6 "	12:47																																																																																																																	
4	5	5	415	A17-1	12:48																																																																																																																	
4	6	6	416	A18-4 "	12:53																																																																																																																	
4	7	7	417	A18-1	11:55																																																																																																																	
4	8	8	418	A18-2	12:56																																																																																																																	
4	9	9	419	A19-6 "	11:58																																																																																																																	
5	0	50	420	A19-1	1:54																																																																																																																	
<p>TAT: A= <input type="checkbox"/> Overnight <input checked="" type="checkbox"/> Emergency <input type="checkbox"/> Critical B= <input type="checkbox"/> Next Workday <input type="checkbox"/> 2 Workdays <input type="checkbox"/> 3 Workdays <input type="checkbox"/> D= <input type="checkbox"/> Urgent <input type="checkbox"/> 3 Workdays</p> <p>Container Types: <input type="checkbox"/> T=Tube <input type="checkbox"/> V=VOA <input type="checkbox"/> L=Liter <input type="checkbox"/> P=Plint <input type="checkbox"/> J=Jar <input type="checkbox"/> B=Tederal <input type="checkbox"/> G=Glass <input type="checkbox"/> P=Plastic <input type="checkbox"/> M=Metal</p>																																																																																																																						
<p>Preservatives: H=HCl N=HNO₃ S=H₂SO₄ C=4°C Z=Zn(AC)₂ O=NaOH T=Na₂S₂O₃</p>																																																																																																																						

DISTRIBUTION: White with report, Yellow to folder, Pink to submitter.

- TAT starts 8 a.m. following day if samples received after 5 p.m.

CHAIN OF CUSTODY RECORD



Advanced Technology Laboratories

1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

Client: GEOCON ENVIRONMENTAL - SAN DIEGO

Attn: Terry Klotke

Project Name: Rte 94

Project #: 0890-06-06

Date : 12/14/98

Time : 10:18 AM

Logged By: M. L. Wink

Date: 12/14/98

Time: 10:18 AM

Relinquished by: M. L. Wink

Date: 12/14/98

Time: 10:18 AM

Relinquished by: M. L. Wink

Date: 12/14/98

Time: 10:18 AM

Relinquished by: M. L. Wink

Date: 12/14/98

Time: 10:18 AM

Relinquished by: M. L. Wink

Date: 12/14/98

Time: 10:18 AM

Relinquished by: M. L. Wink

Date: 12/14/98

Time: 10:18 AM

Relinquished by: M. L. Wink

Date: 12/14/98

Time: 10:18 AM

Relinquished by: M. L. Wink

Date: 12/14/98

Time: 10:18 AM

Relinquished by: M. L. Wink

Date: 12/14/98

Time: 10:18 AM

Relinquished by: M. L. Wink

Date: 12/14/98

Time: 10:18 AM

Relinquished by: M. L. Wink

Date: 12/14/98

Time: 10:18 AM

Relinquished by: M. L. Wink

Date: 12/14/98

Time: 10:18 AM

Relinquished by: M. L. Wink

Date: 12/14/98

Time: 10:18 AM

Relinquished by: M. L. Wink

Date: 12/14/98

Time: 10:18 AM

Relinquished by: M. L. Wink

Date: 12/14/98

Time: 10:18 AM

Sample Condition Upon Receipt

Y

N

4. SEALED

Y

5. # OF SPLS MATCH COC

Y

6. PRESERVED

Y

3. CONTAINER INTACT

Y

1. CHILLED

Y

Method of Transport

Walk-in

Courier

UPS

FED. EXP.

ATL

Time: 10:18 AM

Date: 12/14/98

Time: 10:18 AM

<p



Advanced Technology

Laboratories

December 22, 1998

ELAP No.: 1838

Geocon Environmental
6970 Flanders Drive
San Diego, CA 92121

ATTN: Mr. Joel Kloth

Client's Project: Rte 94, 08900-06-06
Lab No.: 31492-001/086

Gentlemen:

Enclosed are the results for sample(s) received by Advanced Technology Laboratories
and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company. Please feel free
to call me at (562) 989 - 4045 if I can be of further assistance to your company.

Sincerely,



Cheryl De Los Reyes
Technical Operations Manager
CDR/ms

Enclosures

This cover letter is an integral part of this analytical report.

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purpose without authorization is prohibited.

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 94, 08900-06-06
Date Received: 12/11/98
Date Sampled: 12/10/98
Date Digested: 12/14/98
Digestion Method: 3050

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
31492-001	A27-6"	EPA 6010 (Lead)	12/15/98	26	Soil, mg/kg	5	5	LP
31492-002	A27-1	EPA 6010 (Lead)	12/15/98	35	Soil, mg/kg	5	5	LP
31492-003	A28-6"	EPA 6010 (Lead)	12/15/98	150	Soil, mg/kg	5	5	LP
31492-004	A28-1	EPA 6010 (Lead)	12/15/98	405	Soil, mg/kg	5	5	LP
31492-005	A28-2	EPA 6010 (Lead)	12/15/98	273	Soil, mg/kg	5	5	LP
31492-006	A29-6"	EPA 6010 (Lead)	12/15/98	21	Soil, mg/kg	5	5	LP
31492-007	A29-1	EPA 6010 (Lead)	12/15/98	ND	Soil, mg/kg	5	5	LP
31492-008	A29-2	EPA 6010 (Lead)	12/15/98	21	Soil, mg/kg	5	5	LP
31492-009	A30-6"	EPA 6010 (Lead)	12/15/98	388	Soil, mg/kg	5	5	LP
31492-010	A30-1	EPA 6010 (Lead)	12/15/98	244	Soil, mg/kg	5	5	LP
31492-010D	A30-1	EPA 6010 (Lead)	12/15/98	219	Soil, mg/kg	5	5	LP
31492-011	A30-1.5	EPA 6010 (Lead)	12/15/98	203	Soil, mg/kg	5	5	LP
31492-012	A31-6	EPA 6010 (Lead)	12/15/98	22	Soil, mg/kg	5	5	LP
31492-013	A31-1	EPA 6010 (Lead)	12/15/98	7.6	Soil, mg/kg	5	5	LP
31492-014	A31-2	EPA 6010 (Lead)	12/15/98	ND	Soil, mg/kg	5	5	LP
31492-015	A32-6	EPA 6010 (Lead)	12/15/98	82	Soil, mg/kg	5	5	LP
31492-016	A32-1	EPA 6010 (Lead)	12/15/98	394	Soil, mg/kg	5	5	LP
31492-017	A33-6"	EPA 6010 (Lead)	12/15/98	791	Soil, mg/kg	5	5	LP
31492-018	A33-1	EPA 6010 (Lead)	12/15/98	214	Soil, mg/kg	5	5	LP
31492-019	A33-1.5	EPA 6010 (Lead)	12/15/98	285	Soil, mg/kg	5	5	LP
31492-020	A34-6"	EPA 6010 (Lead)	12/15/98	766	Soil, mg/kg	5	5	LP
31492-020D	A34-6"	EPA 6010 (Lead)	12/15/98	814	Soil, mg/kg	5	5	LP
31492-021	A34-1	EPA 6010 (Lead)	12/15/98	160	Soil, mg/kg	5	5	LP
31492-022	A34-1.5	EPA 6010 (Lead)	12/15/98	467	Soil, mg/kg	5	5	LP
31492-023	A35-6"	EPA 6010 (Lead)	12/15/98	333	Soil, mg/kg	5	5	LP
31492-024	A35-1	EPA 6010 (Lead)	12/15/98	316	Soil, mg/kg	5	5	LP
31492-025	A35-1.5	EPA 6010 (Lead)	12/15/98	281	Soil, mg/kg	5	5	LP
31492-026	A36-6"	EPA 6010 (Lead)	12/15/98	896	Soil, mg/kg	5	5	LP
31492-027	A36-1	EPA 6010 (Lead)	12/15/98	134	Soil, mg/kg	5	5	LP
31492-028	A37-6"	EPA 6010 (Lead)	12/15/98	97	Soil, mg/kg	5	5	LP
31492-029	A37-1	EPA 6010 (Lead)	12/15/98	105	Soil, mg/kg	5	5	LP

MDL = Method Detection Limit

ND = Not Detected (Below DLR)

DF = Dilution Factor

Reviewed/Approved By:

Cheryl De Los Reyes

Technical Operations Manager

Date: 12/15/98

The cover letter is an integral part of this analytical report.

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 94, 08900-06-06
Date Received: 12/11/98
Date Sampled: 12/10/98
Date Digested: 12/14/98
Digestion Method: 3050

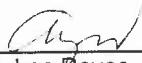
Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
31492-030	A38-6	EPA 6010 (Lead)	12/15/98	48	Soil, mg/kg	5	5	LP
31492-030D	A38-6	EPA 6010 (Lead)	12/15/98	41	Soil, mg/kg	5	5	LP
31492-031	A38-1	EPA 6010 (Lead)	12/15/98	13	Soil, mg/kg	5	5	LP
31492-032	A38-2	EPA 6010 (Lead)	12/15/98	ND	Soil, mg/kg	5	5	LP
31492-033	A39-6"	EPA 6010 (Lead)	12/15/98	478	Soil, mg/kg	5	5	LP
31492-034	A39-1	EPA 6010 (Lead)	12/15/98	ND	Soil, mg/kg	5	5	LP
31492-035	A39-2	EPA 6010 (Lead)	12/15/98	ND	Soil, mg/kg	5	5	LP
31492-036	A40-6"	EPA 6010 (Lead)	12/15/98	12	Soil, mg/kg	5	5	LP
31492-037	A40-1	EPA 6010 (Lead)	12/15/98	ND	Soil, mg/kg	5	5	LP
31492-038	A42-6"	EPA 6010 (Lead)	12/15/98	940	Soil, mg/kg	5	5	LP
31492-039	A42-1	EPA 6010 (Lead)	12/15/98	488	Soil, mg/kg	5	5	LP
31492-040	A42-1.5	EPA 6010 (Lead)	12/15/98	548	Soil, mg/kg	5	5	LP
31492-040D	A42-1.5	EPA 6010 (Lead)	12/15/98	560	Soil, mg/kg	5	5	LP
31492-041	A41-6"	EPA 6010 (Lead)	12/15/98	ND	Soil, mg/kg	5	5	LP
31492-042	A41-1	EPA 6010 (Lead)	12/15/98	70	Soil, mg/kg	5	5	LP
31492-043	A41-1.5	EPA 6010 (Lead)	12/15/98	186	Soil, mg/kg	5	5	LP
31492-044	A43-6"	EPA 6010 (Lead)	12/15/98	56	Soil, mg/kg	5	5	LP
31492-045	A43-1	EPA 6010 (Lead)	12/15/98	11	Soil, mg/kg	5	5	LP
31492-046	A43-1.5	EPA 6010 (Lead)	12/15/98	33	Soil, mg/kg	5	5	LP
31492-047	A44-6"	EPA 6010 (Lead)	12/15/98	463	Soil, mg/kg	5	5	LP
31492-048	A44-1	EPA 6010 (Lead)	12/15/98	106	Soil, mg/kg	5	5	LP
31492-049	A44-1.5	EPA 6010 (Lead)	12/15/98	181	Soil, mg/kg	5	5	LP
31492-050	A52-6"	EPA 6010 (Lead)	12/15/98	294	Soil, mg/kg	5	5	LP
31492-050D	A52-6"	EPA 6010 (Lead)	12/15/98	203	Soil, mg/kg	5	5	LP
31492-051	A53-6"	EPA 6010 (Lead)	12/15/98	289	Soil, mg/kg	5	5	LP
31492-052	A53-1	EPA 6010 (Lead)	12/15/98	61	Soil, mg/kg	5	5	LP
31492-053	A54-6"	EPA 6010 (Lead)	12/15/98	179	Soil, mg/kg	5	5	LP
31492-054	A54-1	EPA 6010 (Lead)	12/15/98	114	Soil, mg/kg	5	5	LP
31492-055	A55-6"	EPA 6010 (Lead)	12/15/98	675	Soil, mg/kg	5	5	LP
31492-056	A55-1	EPA 6010 (Lead)	12/15/98	200	Soil, mg/kg	5	5	LP
31492-057	A56-6"	EPA 6010 (Lead)	12/15/98	57	Soil, mg/kg	5	5	LP

MDL = Method Detection Limit

ND = Not Detected (Below DLR)

DF = Dilution Factor

Reviewed/Approved By:


Cheryl De Los Reyes
Technical Operations Manager

Date: 12/15/98

The cover letter is an integral part of this analytical report.

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 94, 08900-06-06
Date Received: 12/11/98
Date Sampled: 12/10/98
Date Digested: 12/14/98
Digestion Method: 3050

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
31492-058	A56-1"	EPA 6010 (Lead)	12/15/98	ND	Soil, mg/kg	5	5	LP
31492-059	A57-6"	EPA 6010 (Lead)	12/15/98	ND	Soil, mg/kg	5	5	LP
31492-060	A57-1	EPA 6010 (Lead)	12/15/98	13	Soil, mg/kg	5	5	LP
31492-060D	A57-1	EPA 6010 (Lead)	12/15/98	13	Soil, mg/kg	5	5	LP
31492-061	A57-1.5	EPA 6010 (Lead)	12/15/98	ND	Soil, mg/kg	5	5	LP
31492-062	A58-6	EPA 6010 (Lead)	12/15/98	ND	Soil, mg/kg	5	5	LP
31492-063	A58-1	EPA 6010 (Lead)	12/15/98	ND	Soil, mg/kg	5	5	LP
31492-064	A59-6"	EPA 6010 (Lead)	12/15/98	ND	Soil, mg/kg	5	5	LP
31492-065	A59-1	EPA 6010 (Lead)	12/15/98	33	Soil, mg/kg	5	5	LP
31492-066	A60-6"	EPA 6010 (Lead)	12/15/98	303	Soil, mg/kg	5	5	LP
31492-067	A60-1	EPA 6010 (Lead)	12/15/98	108	Soil, mg/kg	5	5	LP
31492-068	A61-6"	EPA 6010 (Lead)	12/15/98	129	Soil, mg/kg	5	5	LP
31492-069	A61-1	EPA 6010 (Lead)	12/15/98	135	Soil, mg/kg	5	5	LP
31492-070	A62-6"	EPA 6010 (Lead)	12/15/98	52	Soil, mg/kg	5	5	LP
31492-070D	A62-6"	EPA 6010 (Lead)	12/15/98	62	Soil, mg/kg	5	5	LP
31492-071	A62-1	EPA 6010 (Lead)	12/15/98	ND	Soil, mg/kg	5	5	LP
31492-072	A63-6"	EPA 6010 (Lead)	12/15/98	307	Soil, mg/kg	5	5	LP
31492-073	A63-1	EPA 6010 (Lead)	12/15/98	195	Soil, mg/kg	5	5	LP
31492-074	A64-6"	EPA 6010 (Lead)	12/15/98	69	Soil, mg/kg	5	5	LP
31492-075	A64-1	EPA 6010 (Lead)	12/15/98	61	Soil, mg/kg	5	5	LP
31492-076	A65-6"	EPA 6010 (Lead)	12/15/98	134	Soil, mg/kg	5	5	LP
31492-077	A65-1	EPA 6010 (Lead)	12/15/98	132	Soil, mg/kg	5	5	LP
31492-078	A66-6"	EPA 6010 (Lead)	12/15/98	33	Soil, mg/kg	5	5	LP
31492-079	A66-1	EPA 6010 (Lead)	12/15/98	74	Soil, mg/kg	5	5	LP
31492-080	A67-6"	EPA 6010 (Lead)	12/15/98	136	Soil, mg/kg	5	5	LP
31492-080D	A67-6"	EPA 6010 (Lead)	12/15/98	136	Soil, mg/kg	5	5	LP
31492-081	A67-1A	EPA 6010 (Lead)	12/15/98	49	Soil, mg/kg	5	5	LP
31492-082	A68-6"	EPA 6010 (Lead)	12/15/98	50	Soil, mg/kg	5	5	LP
31492-083	A68-1	EPA 6010 (Lead)	12/15/98	21	Soil, mg/kg	5	5	LP

MDL = Method Detection Limit

ND = Not Detected (Below DLR)

DF = Dilution Factor

Reviewed/Approved By:

Cheryl De Los Reyes
Technical Operations Manager

Date:

The cover letter is an integral part of this analytical report.

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 94, 08900-06-06
Date Received: 12/11/98
Date Sampled: 12/10/98
Date Digested: 12/14/98
Digestion Method: 3050

MDL = Method Detection Limit

ND = Not Detected (Below DLR)

ND = Not Detected
DF = Dilution Factor

Reviewed/Approved By:

Cheryl De Los Reyes
Technical Operations Manager

Date:

The cover letter is an integral part of this analytical report.

Spoke Recovery and RPD Summary Report

EPA 6010 (Lead)
LP/OL
ICP81215-1
8349-1

Date Analyzed: 12/15/98
Date Digested: 12/14/98
Sample ID: See below

SAMPLE ID	UNITS	LCS Conc	LCS Res	% Rec	METH BLANK	SPL CONC	SPL DUP	% Dev	SPK ADDED	MS RESULT	MSD RESULT	% MS REC	% MSD REC	REC	RPD	RPD Limit	MDL
31492-010*	mg/kg	5.0	4.7	94	ND	219	244	11	250	366	308	59	36	68-106	17	20	5
31492-020*	mg/kg	5.0	5.0	100	ND	766	814	6	250	931	1169	66	161	68-106	23	20	5
31492-030	mg/kg	5.0	4.9	98	ND	48	41	16	250	256	241	83	77	68-106	6	20	5
31492-040*	mg/kg	5.0	5.3	106	ND	548	560	2	250	566	642	7	38	68-106	13	20	5
31492-050*	mg/kg	5.0	5.2	104	ND	294	203	37	250	428	507	54	85	68-106	17	20	5
31492-060	mg/kg	5.0	4.4	88	ND	13	13	0	250	203	199	76	74	68-106	2	20	5
31492-070*	mg/kg	5.0	4.4	88	ND	52	62	18	250	190	200	55	59	68-106	5	20	5
31492-080	mg/kg	5.0	5.1	102	ND	136	136	0	250	324	313	75	71	68-106	3	20	5
31492-086	mg/kg	5.0	5.0	100	ND	55	99	57	250	256	242	81	75	68-106	6	20	5

卷之三

C.S.V.
Approved by: David J. Kern
Inorganics Supervisor

12/115 KNO₃

Advanced Technology
Laboratories

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte. 94, 08900-06-06

Date Received: 12/11/98

Date Sampled: 12/10/98

MDL = Method Detection Limit

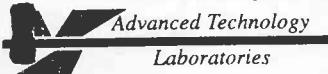
ND = Not Detected (Below DLR)

DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: Alison **Date:** 15/11/2018

Cheryl de los Reyes
Technical Operations Manager

The cover letter is an integral part of this analytical report.



Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte. 94, 08900-06-06

Date Received: 12/11/98

Date Sampled: 12/10/98

Date Extracted: 12/17/98

Digestion Method: WET (Title 22, CCR, 66261.100 Appendix II) Modified

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results,	Matrix, Units	MDL	DLR	Analyst
31492-004	A28-1	EPA 7420 (Lead)	12/18/98	0.4	STLC DI Water Extract, mg/L	0.15	0.15	DJ
31492-017	A33-6"	EPA 7420 (Lead)	12/18/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
31492-017 Dup.	A33-6"	EPA 7420 (Lead)	12/18/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
31492-020	A34-6"	EPA 7420 (Lead)	12/18/98	0.26	STLC DI Water Extract, mg/L	0.15	0.15	DJ
31492-022	A34-1.5	EPA 7420 (Lead)	12/18/98	0.31	STLC DI Water Extract, mg/L	0.15	0.15	DJ
31492-026	A36-6"	EPA 7420 (Lead)	12/18/98	0.87	STLC DI Water Extract, mg/L	0.15	0.15	DJ
31492-033	A39-6"	EPA 7420 (Lead)	12/18/98	0.62	STLC DI Water Extract, mg/L	0.15	0.15	DJ
31492-038	A42-6"	EPA 7420 (Lead)	12/18/98	0.54	STLC DI Water Extract, mg/L	0.15	0.15	DJ
31492-039	A42-1	EPA 7420 (Lead)	12/18/98	0.66	STLC DI Water Extract, mg/L	0.15	0.15	DJ
31492-040	A42-1.5	EPA 7420 (Lead)	12/18/98	0.63	STLC DI Water Extract, mg/L	0.15	0.15	DJ
31492-047	A44-6"	EPA 7420 (Lead)	12/18/98	0.26	STLC DI Water Extract, mg/L	0.15	0.15	DJ
31492-055	A55-6"	EPA 7420 (Lead)	12/18/98	1.9	STLC DI Water Extract, mg/L	0.15	0.15	DJ
31492-085	A69-6"	EPA 7420 (Lead)	12/18/98	1.0	STLC DI Water Extract, mg/L	0.15	0.15	DJ
31492-085Dup.	A69-6"	EPA 7420 (Lead)	12/18/98	1.0	STLC DI Water Extract, mg/L	0.15	0.15	DJ

MDL = Method Detection Limit

ND = Not Detected (Below DLR)

DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By:


Cheryl de los Reyes
Technical Operations Manager

Date: 12/21/98

The cover letter is an integral part of this analytical report.

Spike Recovery and RPD Summary Report

Method: EPA7420(Lead)
Analyst: DJ/OL
Data File: AA81218-2
QA File: 83352-2

Date Analyzed: 12-18-98
Date Extracted: 12-15-98
Sample ID: see below
Matrix: DI WAT

SPL ID	UNITS	LCS Conc	LCS Res	% Res	METH BLANK	SPL CONC	SPL DUP	% Dev	SPK ADDED	MS RESULT	MSD RESULT	%MSD REC	%MSD REC	REC Limit	RPD	RPD Limit	MDL
31492-017	mg/L	5.0	5.4	108	ND	ND	0	5.0	5.2	5.2	104	104	50-150	0	50	0.15	
31492-085	mg/L	5.0	5.4	108	ND	1.0	0	5.0	5.3	5.3	86	86	50-150	0	50	0.15	

Approved by: David J. Kern
Inorganics Supervisor

Date: 12/21/98

 Advanced Technology

CHAIN OF CUSTODY RECORD

FOR LABORATORY USE ONLY.



Sample Condition Upon Receipt

Advanced Technology Laboratories		Batch #:	D.O. #	Method of Transport		Sample Condition Upon Receipt	
		Walk-in	<input type="checkbox"/>	1. CHILLED		Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 4. SEALED	
		Courier	<input type="checkbox"/>	2. HEADSPACE (VOA)		Y <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC	
		UPS	<input type="checkbox"/>	3. CONTAINER INTACT		Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED	
		FED. EXP.	<input type="checkbox"/>			Y <input type="checkbox"/> N <input type="checkbox"/>	
		ATL	<input checked="" type="checkbox"/>			TEL: (619) 558-6100	
Client: GEOCON ENVIRONMENTAL - SAN DIEGO		Project #: 08900-06-06	Address: 6970 Flanders Drive	State: CA	Zip Code: 92121	FAX: (619) 558-8437	
Attn:	Tel. kloth	Sampler: Mark Whack	(Printed Name) <i>Mark Whack</i>	(Signature) <i>Mark Whack</i>			
Project Name:	Ric 9t	Received by: (Signature and Printed Name)	Time: 9:45	Received by: (Signature and Printed Name)	Time: 12:08	Date: 12/10/88	Date: 12/11/88 Time: 2:30
Relinquished by: (Signature and Printed Name)	<i>Mark Whack</i>	Received by: (Signature and Printed Name)	Time:	Received by: (Signature and Printed Name)	Time:	Date:	Date:
Relinquished by: (Signature and Printed Name)	<i>Mark Whack</i>	Received by: (Signature and Printed Name)	Time:	Received by: (Signature and Printed Name)	Time:	Date:	Date:
SHIP TO LAB: (SUB CONTRACT):	I hereby authorize ATL to perform the work indicated below: Project Mgr./Submitter: <i>Mark Whack</i> Date: 12/10/98						
TEST:	<i>Mark Whack</i>	Print Name	<i>Mark Whack</i>	Address	City	State	Zip
ATL #:							
DATE:							
CLIENT I.D.:							
Unless otherwise requested, all samples will be disposed 45 days after receipt.							
* \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.							
I LAB USE ONLY: Batch #:							
T	Lab No.	Sample I.D.	Date	Time	Sample Description		
M		A12-1"	1/10	9:45			
	-001	A12-1		9:30			
	-003	A12-6"		9:38			
	-004	A12-1		9:31			
	-005	A12-7		9:41			
	-006	A129-6"		9:42			
	-007	A29-1		9:44			
	-008	A29-2		9:45			
	-009	A20-6"		9:50			
	-010	A30-1		9:51			
TAT: A= Overnight samples received after 5 p.m.		B= Emergency Next workday	C= Critical 2 Workdays		D= Urgent 3 Workdays	E= 7 Workdays	Routine
Container Types: T=Tube V=VOA L=Liter P=Print J=Jar B=Tedar G=Glass P=Plastic M=Metal							Preservatives: H=HCl N=HNO ₃ S=H ₂ SO ₄ C=4°C Z=Zn(AC) ₂ O=NaOH T=Na ₂ SO ₃

- TAT starts 8 a.m. following day if samples received after 5 p.m.

DISTRIBUTION: White with report, Yellow to folder, Pink to submitter.

Pg / of

CHAIN OF CUSTODY RECORD

FOR LABORATORY USE ONLY

Advanced Technology

Laboratories

1510 E. 33rd Street
Signal Hill, CA 90807

(562) 989-4045 • FAX (562) 989-4040

Client: GEOCON ENVIRONMENTAL - SAN DIEGO

Attn: Joe L. Kloth

D.O. # _____

Batch #: _____

P.O. #: _____

TEST: _____

ATL #: _____

DATE: _____

CLIENT I.D. _____

SHIP TO LAB:
(SUB CONTRACT)

I hereby authorize ATL to perform the work indicated below:

Project Mgr /Submitter:

Marc Boston

Date 11/10/98

Print Name
Marc Boston

Signature _____

T

E

M

Lab No.

Sample I.D.

Date

Time

Sample Description

-01 A30-1.5

-02 A31-6

-03 A31-1

-04 A31-2

-05 A32-6

-06 A32-1

-07 A33-1

-08 A33-2.5

-09 A34-6.1

-10 A34-6.1'

Emergency
B=Overnight
A=< 24 hr

C=Critical
C=2 Workdays

D=Urgent
D=3 Workdays

E=Routine
E=7 Workdays

F=Plastic

G=Glass

H=Tedlar

J=Jar

P=Plastic

M=Metal

Unless otherwise requested, all samples will be disposed 45 days after receipt.

* \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

LAB USE ONLY:

Batch #:

Sample Description

1510-2

1510-3

1510-4

1510-5

1510-6

1510-7

1510-8

1510-9

1510-10

1510-11

1510-12

1510-13

1510-14

1510-15

1510-16

1510-17

1510-18

1510-19

1510-20

1510-21

1510-22

1510-23

1510-24

1510-25

1510-26

1510-27

1510-28

1510-29

1510-30

1510-31

1510-32

1510-33

1510-34

1510-35

1510-36

1510-37

1510-38

1510-39

1510-40

1510-41

1510-42

1510-43

1510-44

1510-45

1510-46

1510-47

1510-48

1510-49

1510-50

1510-51

1510-52

1510-53

1510-54

1510-55

1510-56

1510-57

1510-58

1510-59

1510-60

1510-61

1510-62

1510-63

1510-64

1510-65

1510-66

1510-67

1510-68

1510-69

1510-70

1510-71

1510-72

1510-73

1510-74

1510-75

1510-76

1510-77

1510-78

1510-79

1510-80

1510-81

1510-82

1510-83

1510-84

1510-85

1510-86

1510-87

1510-88

1510-89

1510-90

1510-91

1510-92

1510-93

1510-94

1510-95

1510-96

1510-97

1510-98

1510-99

1510-100

1510-101

1510-102

1510-103

1510-104

1510-105

1510-106

1510-107

1510-108

1510-109

1510-110

1510-111

1510-112

1510-113

1510-114

1510-115

1510-116

1510-117

1510-118

1510-119

1510-120

1510-121

1510-122

1510-123

1510-124

1510-125

1510-126

1510-127

1510-128

1510-129

1510-130

1510-131

1510-132

1510-133

1510-134

1510-135

1510-136

1510-137

1510-138

1510-139

1510-140

1510-141

1510-142

1510-143

1510-144

1510-145

1510-146

1510-147

1510-148

1510-149

1510-150

1510-151

1510-152

1510-153

1510-154

1510-155

1510-156

1510-157

1510-158

1510-159

1510-160

1510-161

1510-162

1510-163

1510-164

1510-165

1510-166

1510-167

1510-168

1510-169

1510-170

1510-171

1510-172

1510-173

1510-174

1510-175

1510-176

1510-177

1510-178

1510-179

1510-180

1510-181

1510-182

1510-183

1510-184

1510-185

1510-186

1510-187

1510-188

1510-189

1510-190

1510-191

1510-192

1510-193

1510-194

1510-195

1510-196

1510-197

1510-198

1510-199

1510-200

1510-201

1510-202

1510-203

1510-204

1510-205

1510-206

1510-207

1510-208

1510-209

1510-210

1510-211

CHAIN OF CUSTODY RECORD



Laboratories

1510 E. 33rd Street
Signal Hill, CA 90807

(562) 989-4045 • FAX (562) 989-4040

Client: GEOCON ENVIRONMENTAL - SAN DIEGO

Attn: Todd Klotk

Project Name: Re 94

Project #: 08900-06-06

Logged By: Mark Whack

Address: 6970 Flanders Drive

City: San Diego

State: CA

Zip Code: 92121

Received by: Mark Whack

Date: 12/10/94

Time: 10:24

Received by: Print Name

Date: 12/10/94

Time: 10:24

Sample Condition Upon Receipt

Y

N

4. SEALED

Y

N

5. # OF SPLS MATCH COC

Y

N

6. PRESERVED

Y

N

7. INTACT

Y

N

8. PREPARED

Y

N

9. CONTAINER

Y

N

10. TEL.

619

558-6100

TEL:

619

558-8437

Method of Transport

Walk-in

□

1. CHILLED

Y

2. HEADSPACE (VOA)

Y

3. # OF SPLS MATCH COC

Y

2. HEADSPACE (VOA)

Y

3. CONTAINER INTACT

Y

4. SEALED

Y

5. # OF SPLS MATCH COC

Y

6. PRESERVED

Y

7. INTACT

Y

8. PREPARED

Y

9. CONTAINER

Y

10. TEL.

619

558-6100

TEL:

619

558-8437

Sample Condition Upon Receipt

Y

N

4. SEALED

Y

N

5. # OF SPLS MATCH COC

Y

N

6. PRESERVED

Y

N

7. INTACT

Y

N

8. PREPARED

Y

N

9. CONTAINER

Y

N

10. TEL.

619

558-6100

TEL:

619

558-8437

Method of Transport

Walk-in

□

1. CHILLED

Y

2. HEADSPACE (VOA)

Y

3. CONTAINER INTACT

Y

4. SEALED

Y

5. # OF SPLS MATCH COC

Y

6. PRESERVED

Y

7. INTACT

Y

8. PREPARED

Y

9. CONTAINER

Y

10. TEL.

619

558-6100

TEL:

619

558-8437

Method of Transport

Walk-in

□

1. CHILLED

Y

2. HEADSPACE (VOA)

Y

3. CONTAINER INTACT

Y

4. SEALED

Y

5. # OF SPLS MATCH COC

Y

6. PRESERVED

Y

7. INTACT

Y

8. PREPARED

Y

9. CONTAINER

Y

10. TEL.

619

558-6100

TEL:

619

558-8437

Method of Transport

Walk-in

□

1. CHILLED

Y

2. HEADSPACE (VOA)

Y

3. CONTAINER INTACT

Y

4. SEALED

Y

5. # OF SPLS MATCH COC

Y

6. PRESERVED

Y

7. INTACT

Y

8. PREPARED

Y

9. CONTAINER

Y

10. TEL.

619

558-6100

TEL:

619

558-8437

Method of Transport

Walk-in

□

1. CHILLED

Y

2. HEADSPACE (VOA)

Y

3. CONTAINER INTACT

Y

4. SEALED

Y

5. # OF SPLS MATCH COC

Y

6. PRESERVED

Y

7. INTACT

Y

8. PREPARED

Y

9. CONTAINER

Y

10. TEL.

619

558-6100

TEL:

619

558-8437

Method of Transport

Walk-in

□

1. CHILLED

Y

2. HEADSPACE (VOA)

Y

3. CONTAINER INTACT

Y

4. SEALED

Y

5. # OF SPLS MATCH COC

Y

6. PRESERVED

Y

7. INTACT

Y

8. PREPARED

Y

9. CONTAINER

Y

10. TEL.

619

558-6100

TEL:

619

558-8437

Method of Transport

Walk-in

□

1. CHILLED

Y

2. HEADSPACE (VOA)

Y

3. CONTAINER INTACT

Y

4. SEALED

Y

5. # OF SPLS MATCH COC

Y

CHAIN OF CUSTODY RECORD

FOR LABORATORY USE ONLY:



Laboratories

1510 E. 33rd Street
Signal Hill, CA 90807

(562) 989-4045 • FAX (562) 989-4040

Batch #:

P.O. #:

Logged By:

Date:

Time:

Method of Transport

Walk-in

Courier

UPS

FED. EXP.

ATL

1. CHILLED

2. HEADSPACE (VOA)

3. CONTAINER INTACT

Y

6. PRESERVED

Y

Sample Condition Upon Receipt

Y

4. SEALED

Y

5. # OF SPLS/MATCH COC

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

D.O. #:

Project Name:

Reinlinquished by:

Batch #:

Project Mgr /Submitter:

Marc Burton

Date:

12/10/98

Print Name:

Marc Burton

Signature:

Marc Burton

Address:

City:

State:

Zip:

Send Report To:

Attn:

Same

Co:

Address:

City:

State:

Zip:

Circle or Add Analysis(es) Requested

Laboratory Standard

Other _____

Return To: _____

* \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

1 LAB USE ONLY:

Batch #:

Lab No.

Sample I.D.

Date

Time

Sample Description

A 38 - 1

12/10 11:30

A 38 - 2

11:02

A 39 - 6

11:07

A 39 - 1

11:12

A 39 - 2

11:14

A 40 - 6

11:17

A 41 - 1

11:19

A 41 - 6"

11:13

A 42 - 1

11:15

A 42 - 1.5

11:17

Q A/Q C

RTNE

RWQCB

WIP

NAVY

CT

OTHER

REMARKS

DISCREPANCY

CONTAINER(S)

TAT #

Type

DATE

REMARKS

DISCREPANCY

CONTAINER(S)

TAT #

Type

DATE

REMARKS

DISCREPANCY

CONTAINER(S)

TAT #

Type

DATE

REMARKS

Emergency

B= Next workday

TAT: A= Overnight ≤ 24 hr

C= 2 Workdays

Container Types: T=Tube

V=VOA

L=Liter

P=Pint

J=Jar

B=Teflar

G=Glass

P=Plastic

M=Metal

E=7 Workdays

Routine

D= 3 Workdays

Urgent

Critical

Emergency

B= Next workday

TAT: A= Overnight ≤ 24 hr

C= 2 Workdays

Container Types: T=Tube

V=VOA

L=Liter

P=Pint

J=Jar

B=Teflar

G=Glass

P=Plastic

M=Metal

E=7 Workdays

Routine

D= 3 Workdays

Urgent

Critical

Emergency

B= Next workday

TAT: A= Overnight ≤ 24 hr

C= 2 Workdays

Container Types: T=Tube

V=VOA

L=Liter

P=Pint

J=Jar

B=Teflar

G=Glass

P=Plastic

M=Metal

E=7 Workdays

Routine

D= 3 Workdays

Urgent

Critical

Emergency

B= Next workday

TAT: A= Overnight ≤ 24 hr

C= 2 Workdays

Container Types: T=Tube

V=VOA

L=Liter

P=Pint

J=Jar

B=Teflar

G=Glass

P=Plastic

M=Metal

E=7 Workdays

Routine

D= 3 Workdays

Urgent

Critical

Emergency

B= Next workday

TAT: A= Overnight ≤ 24 hr

C= 2 Workdays

Container Types: T=Tube

V=VOA

L=Liter

P=Pint

J=Jar

B=Teflar

G=Glass

P=Plastic

M=Metal

E=7 Workdays

Routine

D= 3 Workdays

Urgent

Critical

Emergency

B= Next workday

TAT: A= Overnight ≤ 24 hr

C= 2 Workdays

Container Types: T=Tube

V=VOA

L=Liter

P=Pint

J=Jar

B=Teflar

G=Glass

P=Plastic

M=Metal

E=7 Workdays

Routine

D= 3 Workdays

Urgent

Critical

Emergency

B= Next workday

TAT: A= Overnight ≤ 24 hr

C= 2 Workdays

CHAIN OF CUSTODY RECORD



Sample Condition Upon Receipt

Batch #:	D.O. #	Method of Transport	
1510 E. 33rd Street Signal Hill, CA 90807 (562) 989-4045 • FAX (562) 989-4040		Walk-in	<input type="checkbox"/> 1. CHILLED
P.O. #:		Courier	<input type="checkbox"/> 2. HEADSPACE (VOA)
Logged By:	Date: _____ Time: _____	UPS	<input type="checkbox"/> 5. # OF SPLS MATCH COC
FED. EXP.		ATL	<input type="checkbox"/> 6. PRESERVED
			<input type="checkbox"/> 7. N
			<input type="checkbox"/> 8. N
			<input type="checkbox"/> 9. N
			<input type="checkbox"/> 10. N

Client: GEOCON ENVIRONMENTAL - SAN DIEGO	Address: 6970 Flanders Drive	State: CA	Zip Code: 92121	TEL: (619) 558-6100
Attn: <i>Mark Waneke</i>	City: San Diego	Sampler: <i>Mark Waneke</i>	(Signature) <i>Mark Waneke</i>	FAX: (619) 558-8437
Project Name: Phe 94	Project #: 08910-06-06	Printed Name)		
Relinquished by: (Signature and Printed Name) <i>Mark Waneke</i>	Date: _____	Received by: (Signature and Printed Name)	Date: 12/11/98	Time: 1:11:30
Relinquished by: (Signature and Printed Name)	Date: _____	Received by: (Signature and Printed Name)	Date: _____	Time: _____
Relinquished by: (Signature and Printed Name)	Date: _____	Received by: (Signature and Printed Name)	Date: _____	Time: _____

SHIP TO LAB: (SUB CONTRACT)		I hereby authorize ATL to perform the work indicated below:		Send Report To:		QA/QC	
TEST:	ATL#:	Print Name	Date: 12/10/98	Attn:	Co: <i>S. S. M.</i>	Address	Matrix
DATE:	CLIENT I.D.	Signature	City	City	State	Zip	Container(s)
Unless otherwise requested, all samples will be disposed 45 days after receipt.		Sample Archive/Disposal:		Circle or Add Analysis(es) Requested		CIRCLE APPROPRIATE MATRIX	
		<input type="checkbox"/> Laboratory Standard		<input type="checkbox"/> OTHER		<input type="checkbox"/> TAT	
		<input type="checkbox"/> Other		<input type="checkbox"/> FIL TER		<input type="checkbox"/> #	
		<input type="checkbox"/> Return To:		<input type="checkbox"/> DRINKING WATER		<input type="checkbox"/> Type	
		* \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.		<input type="checkbox"/> AIR		<input type="checkbox"/> REMARKS	
				<input type="checkbox"/> OIL • SOLVENT • LIQUID WASTE		<input type="checkbox"/> CT	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> OTHER	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> RTNE	
				<input type="checkbox"/> DRINKING WATER		<input type="checkbox"/> RWQCB	
				<input type="checkbox"/> OIL • SOLVENT • LIQUID WASTE		<input type="checkbox"/> WIP	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> NAVY	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> T	
				<input type="checkbox"/> DRINKING WATER		<input type="checkbox"/> D	
				<input type="checkbox"/> OIL • SOLVENT • LIQUID WASTE		<input type="checkbox"/> E	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> S	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> A	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> T	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> C	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> L	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> J	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> T	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> C	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> L	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> J	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> T	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> C	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> L	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> J	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> T	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> C	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> L	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> J	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> T	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> C	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> L	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> J	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> T	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> C	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> L	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> J	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> T	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> C	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> L	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> J	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> T	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> C	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> L	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> J	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> T	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> C	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> L	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> J	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> T	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> C	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> L	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> J	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> T	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> C	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> L	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> J	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> T	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> C	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> L	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> J	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> T	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> C	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> L	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> J	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> T	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> C	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> L	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> J	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> T	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> C	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> L	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> J	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> T	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> C	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> L	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> J	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> T	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> C	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> L	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> J	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> T	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> C	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> L	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> J	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> T	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> C	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> L	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> J	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> T	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> C	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> L	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> J	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> T	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> C	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> L	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> J	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> T	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> C	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> L	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> J	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> T	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> C	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> L	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> J	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> T	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> C	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> L	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> J	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> T	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> C	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> L	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> J	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> T	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> C	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> L	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> J	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> T	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> C	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> L	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> J	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> T	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> C	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> L	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> J	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> T	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> C	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> L	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> J	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> T	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> C	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> L	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> J	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> T	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> C	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> L	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> J	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> T	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> C	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> L	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> J	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> T	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> C	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> L	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> J	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> T	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> C	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> L	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> J	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> T	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> C	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> L	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> J	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> T	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> C	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> L	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> J	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> T	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> C	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> L	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> J	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> T	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> C	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> L	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> J	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> T	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> C	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> L	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> J	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> T	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> C	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> L	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> J	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> T	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> C	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> L	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> J	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> T	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> C	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> L	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> J	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> T	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> C	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> L	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> J	
				<input type="checkbox"/> OIL • SOIL • SLUDGE		<input type="checkbox"/> T	
				<input type="checkbox"/> WATER • WAS TATER		<input type="checkbox"/> C	
				<input			

CHAIN OF CUSTODY RECORD

1

Pg 2 of

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

CHAIN OF CUSTODY RECORD

Advanced Technology

Laboratories

1510 E. 33rd Street
Signal Hill, CA 90807

(562) 989-4045 • FAX (562) 989-4040

Client: GEOCON ENVIRONMENTAL - SAN DIEGO

Attn: Todd Eltoth

Project #: 8900-06-06

Date: 12/10/98

TEST: Marc Bostany

ATL #: 94

DATE: Week

CLIENT I.D.: 12

Signature: See Page 7

I hereby authorize ATL to perform the work indicated below:

Project Mgr /Submitter:

Marc Bostany

Date: 12/10/98

Print Name: See Page 7

Address: See Page 7

City: San Diego

State: CA

Zip: 92121

Send Report To:

Attn: STMT

Co: See Page 7

Address: See Page 7

City: See Page 7

State: CA

Zip: See Page 7

Circle or Add

Analyses) Requested

Other

Return To:

* \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Sample Description

Sample I.D.

Date

Time

LAB USE ONLY:

Batch #:

Lab No.

A67-1

12/10 3:55

A68-6

3:58

A68-1

3:59

A68-2

4:00

A68-6'

4:02

A69-1

4:03

-084

-085

-086

-087

-088

-089

-090

-091

-092

-093

-094

-095

-096

-097

-098

-099

-100

-101

-102

-103

-104

-105

-106

-107

-108

-109

-110

-111

-112

-113

-114

-115

-116

-117

-118

-119

-120

-121

-122

-123

-124

-125

-126

-127

-128

-129

-130

-131

-132

-133

-134

-135

-136

-137

-138

-139

-140

-141

-142

-143

-144

-145

-146

-147

-148

-149

-150

-151

-152

-153

-154

-155

-156

-157

-158

-159

-160

-161

-162

-163

-164

-165

-166

-167

-168

-169

-170

-171

-172

-173

-174

-175

-176

-177

-178

-179

-180

-181

-182

-183

-184

-185

-186

-187

-188

-189

-190

-191

-192

-193

-194

-195

-196

-197

-198

-199

-200

-201

-202

-203

-204

-205

-206

-207

-208

-209

-210

-211

-212

-213

-214

-215

-216

-217

-218

-219

-220

-221

-222

-223

-224

-225

-226

-227

-228

-229

-230

-231

-232

-233

-234

-235

-236

-237

-238

-239

-240

-241

-242

-243

-244

-245

-246

-247

-248

-249

-250

-251

-252

-253

-254

-255

-256

-257

-258

-259

-260

-261

-262

-263

-265

-266

-267

-268

-269

-270

-271

-272

-273

-274

-275

-276

-277

-278

-279

-280

-281

-282

-283

-284

-285

-286

-287

-288

-289

-290

-291

-292

-293

-294

-295

-296

-297

-298

-299

-300

-301

-302

-303

-304

-305

-306

-307

-308

-309

-310

-311

-312

-313

-314

-315

March 4, 1999

ELAP No.: 1838

Geocon Environmental
6970 Flanders Drive
San Diego, CA 92121

ATTN: Joel Kloth

Client's Project: #08900-06-06
Lab No.: 33577-001/031

Enclosed are the results for sample(s) received by Advanced Technology Laboratories
and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company. Please feel free
to call me at (562) 989 - 4045 if I can be of further assistance to your company.

Sincerely,



Cheryl De Los Reyes
Technical Operations Manager
CDR/jh

Enclosures

This cover letter is an integral part of this analytical report.

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive
use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purpose without authorization is prohibited.



Advanced Technology
Laboratories

1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Joel Kloth

Client's Project: #08900-06-06

Date Received: 12/08, 12/99
Date Sampled: 12/08&10/98

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MD	DLR	Analyst
33577-001	A2-6"	EPA 7420 (Lead)	03/04/99	0.48	DI Water, mg/L	0.15	0.15	DJ
33577-002	A3-6"	EPA 7420 (Lead)	03/04/99	ND	DI Water, mg/L	0.15	0.15	DJ
33577-003	A3-1	EPA 7420 (Lead)	03/04/99	ND	DI Water, mg/L	0.15	0.15	DJ
33577-004	A5-6"	EPA 7420 (Lead)	03/04/99	ND	DI Water, mg/L	0.15	0.15	DJ
33577-005	A6-1	EPA 7420 (Lead)	03/04/99	ND	DI Water, mg/L	0.15	0.15	DJ
33577-006	A7-2	EPA 7420 (Lead)	03/04/99	ND	DI Water, mg/L	0.15	0.15	DJ
33577-007	A8-1	EPA 7420 (Lead)	03/04/99	0.92	DI Water, mg/L	0.15	0.15	DJ
33577-008	A11-6"	EPA 7420 (Lead)	03/04/99	0.53	DI Water, mg/L	0.15	0.15	DJ
33577-009	A12-6"	EPA 7420 (Lead)	03/04/99	ND	DI Water, mg/L	0.15	0.15	DJ
33577-010	A12-2	EPA 7420 (Lead)	03/04/99	ND	DI Water, mg/L	0.15	0.15	DJ
33577-011	A13-2	EPA 7420 (Lead)	03/04/99	ND	DI Water, mg/L	0.15	0.15	DJ
33577-012	A14-1	EPA 7420 (Lead)	03/04/99	ND	DI Water, mg/L	0.15	0.15	DJ
33577-013	A16-6"	EPA 7420 (Lead)	03/04/99	ND	DI Water, mg/L	0.15	0.15	DJ
33577-014	A17-6"	EPA 7420 (Lead)	03/04/99	ND	DI Water, mg/L	0.15	0.15	DJ
33577-015	A18-2	EPA 7420 (Lead)	03/04/99	ND	DI Water, mg/L	0.15	0.15	DJ
33577-016	A26-1	EPA 7420 (Lead)	03/04/99	ND	DI Water, mg/L	0.15	0.15	DJ
33577-017	A27-1	EPA 7420 (Lead)	03/04/99	ND	DI Water, mg/L	0.15	0.15	DJ
33577-018	A28-2	EPA 7420 (Lead)	03/04/99	ND	DI Water, mg/L	0.15	0.15	DJ
33577-019	A29-1	EPA 7420 (Lead)	03/04/99	0.17	DI Water, mg/L	0.15	0.15	DJ

MDL = Method Detection Limit

ND = Not Detected (Below DLR)

DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: Cheryl de los Reyes

Date: 3/4/99

Cheryl de los Reyes
Technical Operations Manager



This cover letter is an integral part of this analytical report.

Advanced Technology
Laboratories

1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Joel Kloth

Client's Project: #08900-06-06

Date Received: 12/08, 12/99

Date Sampled: 12/10/99

Lab No.	Sample ID.	Analysis	Date Analyzed	Results,	Matrix, Units	MD	DLR	Analyst
33577-020	A30-6"	EPA 7420 (Lead)	03/04/99	0.46	DI Water, mg/L	0.15	0.15	DJ
33577-020Dup	A30-6"	EPA 7420 (Lead)	03/04/99	ND	DI Water, mg/L	0.15	0.15	DJ
33577-021	A31-1	EPA 7420 (Lead)	03/04/99	ND	DI Water, mg/L	0.15	0.15	DJ
33577-022	A32-1	EPA 7420 (Lead)	03/04/99	ND	DI Water, mg/L	0.15	0.15	DJ
33577-023	A37-6"	EPA 7420 (Lead)	03/04/99	ND	DI Water, mg/L	0.15	0.15	DJ
33577-024	A37-1	EPA 7420 (Lead)	03/04/99	ND	DI Water, mg/L	0.15	0.15	DJ
33577-025	A39-6"	EPA 7420 (Lead)	03/04/99	0.47	DI Water, mg/L	0.15	0.15	DJ
33577-026	A40-6"	EPA 7420 (Lead)	03/04/99	ND	DI Water, mg/L	0.15	0.15	DJ
33577-027	A42-1	EPA 7420 (Lead)	03/04/99	0.41	DI Water, mg/L	0.15	0.15	DJ
33577-028	A43-1	EPA 7420 (Lead)	03/04/99	ND	DI Water, mg/L	0.15	0.15	DJ
33577-029	A44-1.5	EPA 7420 (Lead)	03/04/99	ND	DI Water, mg/L	0.15	0.15	DJ
33577-030	A52-6"	EPA 7420 (Lead)	03/04/99	0.33	DI Water, mg/L	0.15	0.15	DJ
33577-030Dup	A52-6"	EPA 7420 (Lead)	03/04/99	ND	DI Water, mg/L	0.15	0.15	DJ
33577-031	A69-1	EPA 7420 (Lead)	03/04/99	ND	DI Water, mg/L	0.15	0.15	DJ
33577-031Dup	A69-1	EPA 7420 (Lead)	03/04/99	ND	DI Water, mg/L	0.15	0.15	DJ

MDL = Method Detection Limit

ND = Not Detected (Below DLR)

DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: _____

Cheryl de los Reyes
Technical Operations Manager

Date: 3/4/94



This letter is an integral part of this analytical report.

Advanced Technology Laboratories

1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

FAX

TO:

A.L.DianePhone
Fax Phone(562) 989-4045
(562) 989-4040

CC:

REMARKS:

 Urgent For your review Reply ASAP Please Comment

Subject:

analysis for soluble
lead - WET-R1

Reference:

Please analyze 20%, randomly, of all the samples run for total lead previously for lab No's 31347 and 31492 for soluble lead (EPA 7420) using deionized water as the extractant (48hr turn)

If you have any questions, please contact my office.

thank

Joel

Date

Number of pages including cover sheet

FROM:

Joel KlothGeocon Environmental
Consultants, Inc.
6970 Flanders Drive
San Diego CA 92121

Phone

619 558 6100

Fax Phone

619 558 8437

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories		D.O. #	Method of Transport		Sample Condition Upon Receipt	
Batch #:			<input type="checkbox"/> Walk-in	<input type="checkbox"/> 1. CHILLED	<input type="checkbox"/> Y	<input type="checkbox"/> N
P.O. #:			<input type="checkbox"/> Courier	<input type="checkbox"/> 2. HEADSPACE (VOA)	<input type="checkbox"/> Y	<input type="checkbox"/> N
Logged By:	(B)	Date: 3-2	<input type="checkbox"/> UPS	<input type="checkbox"/> 5. # OF SPLS MATCH COC	<input checked="" type="checkbox"/> 4. SEALED	<input type="checkbox"/> Y
Client: (600) 989-4040	Attn: Joe Kuhn	Address: 500 Main St.	<input type="checkbox"/> FED. EXP.	<input type="checkbox"/> 3. CONTAINER INTACT	<input checked="" type="checkbox"/> 6. PRESERVED	<input type="checkbox"/> N
Project Name:	Project #: 06900-06-06	Sampler: (Printed Name) <u>John Kuhn</u>	City: (Printed Name) <u>Waukesha</u>	State: (Signature) <u>WI</u>	Zip Code: (Signature)	TEL: ()
Relinquished by: (Signature and Printed Name)	Date: / /	Time: / / : / /	Received by: (Signature and Printed Name)	Date: / /	Time: / / : / /	Date: / /
Relinquished by: (Signature and Printed Name)	Date: / /	Time: / / : / /	Received by: (Signature and Printed Name)	Date: / /	Time: / / : / /	Date: / /
SHIP TO LAB: (SUB CONTRACT): TEST: _____ ATL #: _____ DATE: _____ CLIENT I.D. _____	<p>I hereby authorize ATL to perform the work indicated below:</p> <p>Project Mgr / Submitter: _____ Date: / / / /</p> <p>Print Name _____ Signature _____</p> <p>Send Report To: Attn: _____ Co: _____ Address _____ City _____ State _____ Zip _____</p> <p>Circle or Add Analyses Requested</p> <p>Sample Archive/Disposal: <input type="checkbox"/> Laboratory Standard <input type="checkbox"/> Other _____ <input type="checkbox"/> Return To: _____</p> <p>* \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.</p>					
Unless otherwise requested, all samples will be disposed 45 days after receipt.						
T E M	LAB USE ONLY: Batch #: Lab No.	Sample I.D.	Date	Time	Sample Description	
33511-021	31402-013/A31-1		12/10			
022	010/A32-1					
013	028/A37-0					
024	029/A37-1					
025	033/A39-0					
026	036/A40-0					
027	039/A42-1					
028	045/A43-1					
029	049/A44-1.5					
020	050/A52-0					
TAT: A= Emergency samples received after 5 p.m. Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tederal G=Glass P=Plastic M=Metal		Overnight ≤ 24 hr	B= Next workday	C= Critical 2 Workdays	D= Urgent 3 Workdays	E= Routine 7 Workdays
<p>Preservatives: H=HCl N=HNO₃ S=H₂SO₄ C=4'C Zn(AC)₂ O=NaOH T=Na₂S₂O₃</p> <p>DISTRIBUTION: White with report, Yellow to folder, Pink to submitter.</p>						

CHAIN OF CUSTODY RECORD

FOR LABORATORY USE ONLY:



Advanced Technology Laboratories

1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

Client: Joe Kloth
Attn: Joe Kloth

Project Name: Project #: 88900 -06-00

Relinquished by: (Signature and Printed Name)

Relinquished by: (Signature and Printed Name)

Relinquished by: (Signature and Printed Name)

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:

TEST: _____ Date: 1 / 1

ATL #: _____ Print Name _____

DATE: _____ Signature _____

CLIENT I.D. _____

Unless otherwise requested, all samples will be disposed 45 days after receipt.

* \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Sample Description

Sample I.D. _____

Date _____

Time _____

33577-03131492-086/A69-1 12/10

X

X

1 LAB USE ONLY:
Batch #: _____
Lab No. _____

Sample Condition Upon Receipt

4. SEALED

5. # OF SPLS/MATCH COC

6. PRESERVED

7. HEADSPACE (NOA)

8. CONTAINER INTACT

9. N/A

10. PRESENT

11. CHILLED

12. COURIER

13. UPS

14. FED. EXP.

15. ATL

16. TEL: ()

17. FAX: ()

18. ZIP CODE

19. STATE

20. CITY

21. ZIP CODE

22. STATE

23. CITY

24. SIGNATURE

25. PRINTED NAME

26. TIME

27. DATE

28. SIGNATURE

29. PRINTED NAME

30. TIME

31. DATE

32. SIGNATURE

33. PRINTED NAME

34. TIME

35. DATE

36. SIGNATURE

37. PRINTED NAME

38. TIME

39. DATE

40. SIGNATURE

41. PRINTED NAME

42. TIME

43. DATE

44. SIGNATURE

45. PRINTED NAME

46. TIME

47. DATE

48. SIGNATURE

49. PRINTED NAME

50. TIME

51. DATE

52. SIGNATURE

53. PRINTED NAME

54. TIME

55. DATE

56. SIGNATURE

57. PRINTED NAME

58. TIME

59. DATE

60. SIGNATURE

Preservatives:
H=HCl N=HNO₃ S=H₂SO₄ C=4'C
Z=Zn(AC)₂ O=NaOH T=Na₂S₂O₃

TAT: A= Overnight ≤ 24 hr	B= Next Workday	C= Critical 2 Workdays	D= Urgent 3 Workdays	E= Routine 7 Workdays
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tediar G=Glass				

Routine	Plastic	Metal
White with red	Yellow to folder	Pink to submitter

DISTRIBUTION: White with red Yellow to folder Pink to submitter

- TAT starts 8 a.m. following day if samples received after 5 p.m.